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St. Louis University

. . 1904

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OF

ST. LOUIS UNIVERSITY

ST. LOUIS, MO.

1903-1904

ST. LOUIS:
NIXON-JONES PRINTING CO.
1904

1904 CALENDAR 1904

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UNIVERSITY CALENDAR

1904

August 26, 27.....Conditioned Examinations
September 3, 5, 6.....Entrance Examinations
September 6, Tuesday, opening of Fall Term....Undergraduate Classes
September 12, Monday.....Graduate Classes, And Senior Class, College
*September 16, Friday.....Solemn Mass of the Holy Ghost
October 1, Saturday.....Opening of Session, School of Medicine
*December 3, Saturday.....Feast of the University's Patron, St. Francis Xavier
December 24, Saturday.....Christmas Vacation

1905

January 2, Monday.....Classes resumed
February 1, Wednesday.....Opening of Spring Term
*February 10, Friday.....Rector's Patronal Day
*February 22, Wednesday.....Washington's Birthday
April 17, Monday.....Annual Retreat
*April 24, Monday.....Easter Recess
May 3, Wednesday.....Squad Drill
May 10, Wednesday.....Closing of Medical School
†May.....Individual Drill and Battalion Inspection
*June 12, Monday.....Pentecost Recess
June 13, Tuesday.....Annual Examination
June 21, Wednesday.....Closing Exercises

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* Recreation Day.
† Day appointed by the U. S. Inspector.

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FOUNDED 1829

Incorporated as a University under the Act of the Legislature of the State of Missouri, December 28, 1832.

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MEDICAL DEPARTMENT OF THE ST. LOUIS UNIVERSITY

In 1901 the Marion-Sims and the Beaumont Colleges of Medicine were consolidated. The faculties of both Colleges and their entire equipment were thus brought together.

In May, 1903, the Marion-Sims-Beaumont College of Medicine became the Medical Department of the St. Louis University.

The University takes this opportunity to thank very cordially a number of friends whose generosity has made possible this Department of Medicine.

It hopes to make public acknowledgment of its gratitude when the list of subscriptions has been completed.

In the fundamental subjects, Pathology, Anatomy, Physiology and Chemistry, the corps of lecturers has been strengthened by eminent specialists, who devote their time exclusively to instruction and research.

The distinctive feature of modern medical teaching is the bringing of the student into contact with patients in the clinics and hospitals; under the direction of the professor he applies theory to practice, drawing up his own diagnosis and plan of treatment. Experience of this kind gives him security and fits him for the practice of his profession. To excellence in the fundamental branches, the Medical Department adds unusual clinical advantages. The hospitals and clinics directly controlled by the College or by members of the faculty are: Alexian Brothers' Hospital, St. John's Hospital, St. Mary's Infirmary, Rebekah Hospital, Grand Avenue Dispensary, Josephine Hospital, Good Samaritan Hospital, St. Louis Marine Hospital, St. Ann's Maternity and Foundling Asylum, Mt. St. Rose Throat and Chest Hospital, and St. Vincent Institution. Additional facilities are afforded by the City Hospital, City Insane Asylum, and Poor House. A number of private hospitals with which members of the faculties are associated, are also drawn upon for clinical instruction as occasion may offer.

If to special ability in the fundamentals, and large clinical facilities, be added a strong professional corps, the nature of the St. Louis University Medical Department will be understood.

For further information, consult the special bulletin of the Medical Department, to be had on application.

The Medical Department is located on Grand Avenue and Caroline Street.

Telephone number, Kinloch, Victor 347; Bell, Grand 289.

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The University offers the following combined course, which enables the student to obtain the B. S. and M. D. degrees in six years. The student must have completed the Academy or High School course or its equivalent.

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First Year.	Hours.	Second Year.	Hours.
Logic and Cosmology	5	Latin, or Greek, or German	5
Latin	5	Psychology	5
Physics	5	Chemistry	5
Trigonometry	4	Ethics	5
English	3	Higher Algebra	2
History	2	Biology	2
Elocution	1	Elocution	1
Christian Doctrine	1	Christian Doctrine	1
	26		26

MEDICAL SCHOOL

Third Year	Freshman Course	Medical School.
Fourth Year	Sophomore Course	" "
Fifth Year	Junior Course	" "
Sixth Year	Senior Course	" "

The Degree of B. S. is granted at the end of the fourth year of this Combined Course: the Degree of M. D. at the end of the sixth year.

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HISTORICAL STATEMENT

In **1823,** at the solicitation of the United States Government, a band of Jesuit Missionaries left Maryland for the West. On May 23, they arrived at the then frontier town of St. Louis. Jacques Marquette, one of their brethren, had passed the same spot in 1673; while the venerated Sebastian Muerin, of the same Society, was the first Catholic priest to administer to the spiritual wants of the founder of St. Louis, Laclede and his band of pioneers.

The first beginnings of the University were made at Florissant, Mo., in the year **1824,** when a log schoolhouse was built for the education of the Indians in the neighborhood; but after struggling for a precarious existence until **1828,** this school was with reluctance abandoned. The white students, in number about fifteen, were transferred to the newly built college in St. Louis, where classes were opened in **1829.** The names of these students, sons of respectable and substantial citizens of St. Louis, were as follows: Charles P. Chouteau, Francis Cabanne, Julius Cabanne, DuThil Cabanne, Howard Christy, Alex. LaForce Papin, John Shannon, William Boilvin, Bryan Mullanphy, Francis Bosseron, Julius Clark, Edward Paul, Edward Chouteau, Thomas Forsyth, and Paul A. F. DuBouffay.

In **1832,** December 28th, the Legislature of Missouri granted a charter to the institution by "an Act to Incorporate the St. Louis University;" by which instrument it was empowered to confer degrees and academic honors in all the learned professions, and generally "to have and to enjoy all the powers, rights and privileges, exercised by literary institutions of the same rank." The first regular faculty under the charter was organized on April 4th, **1833.**

In **1842** the Medical Faculty was inaugurated with the following eminent physicians as its first professors: Daniel Brainard, M. D.; Joseph W. Hall, M. D.; H. Augustus Prout, M. D.; Alvin Litton, M. D. The Medical College was continued under its own charter in 1855.

1843 the Law Department of St. Louis University began its first session; but despite the efforts made by the Hon. Richard A. Buckner to sustain it, it met with a limited success, and was shortly discontinued.

The Schools of Philosophy and Theology were first opened in **1837,** and in **1858** buildings were erected for the purpose in North St. Louis.

In **1888,** owing to the encroachments of the business and trade districts upon that quarter of the city in which the University was originally situated, it was removed to its present site on Grand avenue, Lindell and West Pine boulevards.

In **1891,** the School of Philosophy and Science was located permanently in its new home on Lindell boulevard; and in September, **1899,** the School of Divinity was inaugurated in the fine new building on West Pine boulevard.

In May, **1903,** the Marion-Sims-Beaumont College of Medicine became the Medical Department of the St. Louis University.

Thus, without State aid of any kind, with no endowment for building or equipment, with no resources but the moderate tuition of its students, it has survived the struggles of its earlier existence and has grown apace with the city, with whose feeble beginnings it has been so closely identified. Not indeed in the proportion with which the frontier village of **1823** has developed into the metropolis of **1904,** but still sufficiently to warrant the hope that when material aid is added to the self-sacrifice and devotion to Christian education which has signalized its promoters, the St. Louis University may not compare unfavorably with other and more favored institutions of its kind.

RELIGIOUS EXERCISES

No one is debarred from matriculation on account of his religious opinions, though all are required to show a respectful demeanor during the ordinary exercises of public prayer.

DISCIPLINE

Though the government of the institution is mild rather than severe, yet for the maintaining of order and discipline, obedience, earnest attention to study, punctuality and gentlemanly conduct are required from every student. Any serious neglect in these essential points will render the offender liable to effective correction, and even to dismissal.

For faults committed outside the premises, the officers of the University are by no means responsible; still, should any serious charge be substantiated, the guilty shall be punished according to the gravity of the offense.

BUILDINGS AND EQUIPMENT

The University has, at present, the following buildings: College and Academy on Grand avenue; School of Divinity on West Pine boulevard; School of Philosophy on Lindell boulevard; School of Medicine on Grand avenue and Caroline street. The Library on Grand avenue is a well-selected collection of 42,000 volumes covering the field of Literature, Law, Theology, Philosophy and Science. In addition to the University Library there are Libraries in the Faculty of Theology, Philosophy and Science, and Medicine, besides the Library for the Undergraduates.

Facilities for practical instruction are afforded in the physical, chemical and biological laboratories.

EXAMINATIONS

Thorough written examinations are made bimonthly in the Undergraduate, Academic and Commercial Departments. These examinations are competitive, and the percentage obtained by the students is publicly proclaimed and honors are awarded to the leaders. In the annual examination, students, whose percentage in any single branch is less than 66⅔, will be required to undergo a second examination in that branch before promotion. Students whose notes in each of the three principal branches or in the general average are less than 66⅔ are not allowed to pass to a higher class.

CLASS HONORS

A gold medal of excellence is awarded to the student who makes the highest percentage in the collective branches of his class. Those whose average is 90 per cent and upward merit the distinction of First Honors; and those whose average is between 85 and 90, Second Honors. Besides these incentives to general endeavor, special mention is made in the catalogue of those who have obtained first and second places in the various branches of their classes. The daily work of the students counts one half for honors.

REQUIREMENTS FOR DEGREES

The Degree of Bachelor of Arts is conferred upon those who successfully complete the Collegiate Course, as outlined below.

The Degree of Bachelor of Science is conferred upon those who successfully complete four years of the combined Collegiate and Medical Course, as outlined above.

The Degree of Master of Arts in Course can be obtained by devoting an additional year to the study of Philosophy in the University, or two years to professional study.

The Degrees of Bachelor and Doctor of Philosophy will be granted only to Bachelors and Masters of Arts, respectively, after successful Post-Graduate courses in philosophy and science.

Honorary Degrees are conferred at the discretion of the Board of Trustees upon those who have deserved well of the community in literature, science or the professions.

SPECIAL PRIZES

Intercollegiate English Prize. — A purse of $100.00 ($75.00 for the first prize and $25.00 for the second), is offered yearly by Mr. D. F. Bremner, of Chicago, for excellence in English essay writing. The purse is open to the competition of the Jesuit Colleges in Cincinnati, Chicago, St. Marys (Kansas), Detroit, Milwaukee, Omaha and St. Louis.

Intercollegiate Latin Prize. — For the best Latin essay from competitors of the same colleges, a gold medal is offered by Very Rev. Joseph Grimmelsman, S. J., Provincial.

Kielty Catechetical Medal. — A gold medal for the best catechetical essay is offered by the Rev. Francis M. Kielty, Rector of Holy Angels' Church, St. Louis.

Drew Scientific Medal. — A gold medal for the best scientific essay is offered by Mr. Francis A. Drew, St. Louis.

Green Oratorical Medal. — A gold medal for the best oration is donated by Mr. Charles Green, St. Louis.

Shea Latin Medal. — A gold medal for the best Latin essay by a member of the Undergraduate Department is offered by Rev. E. J. Shea. Rector of St. Kevin's Church, St. Louis.

Byrnes Philosophical Medal. — A gold medal for the best philosophical essay is offered by Mr. James W. Byrnes, St. Louis.

Clarke Military Trophy. — For the best "Squad Drill," Mr. Walter Semmes Clarke, Chicago, donates a gold medal to be held as a trophy by the successful company until the next annual competition.

SCHOLARSHIPS

An Annual Scholarship is provided by the donation of $60.00. A permanent scholarship is founded by the gift of $1,000.00; it entitles the founder at all times to keep one scholar, designated by him and acceptable to the Faculty, free at the University. If the founder fails to name an incumbent, the scholarship will be conferred at the discretion of the Faculty.

An annual scholarship for the coming year was donated by the University Alumni Association, and one by the Knights of Father Matthew, Emerald Council No. 10.

The Cornet Scholarships. — In accordance with the wishes of the late William J. Cornet, A. B. '93, the sum of $2,500 has been set aside by the family of the deceased for the foundation of two permanent scholarships in the Classical Course, the beneficiaries of the same to be designated by the Faculty of the University.

The University offers five Free Scholarships, for the year 1904–5, to the boys of the Parish Schools of the Archdiocese of St. Louis and vicinity. The award of these Scholarships will be determined by competitive examinations. The Scholarships will cover the whole Academy (High School) and Collegiate Courses.

SOCIETIES

Sodality of the Blessed Virgin. — Its object is the promotion of piety and virtue among its members by the practice of devotion toward the Blessed Virgin Mary. It comprises two distinct organizations, one for the college, and the other for the academy students.

ACOLYTHICAL SOCIETY. — The object of this society is to add to the solemnity in the celebration of religious festivals, and to afford those students, who have the necessary qualifications, the honor of serving in the sanctuary.

PHILALETHIC SOCIETY.— Organized in 1832, its object is to foster a taste for eloquence, history and general literature. The members assemble every week in their hall for debates, or for the discussion of carefully prepared essays.

ACADEMIC LITERARY SOCIETY.— Its object is to prepare its members for the Philalethic Society.

STUDENTS' LIBRARY ASSOCIATION. — It administers that section of the University library which has been applied to the general use of the undergraduates, and selected for their special needs. In connection with the Library is a reading-room which affords ample opportunites for acquiring information upon current topics and forming sound opinions upon important questions. Leading magazines, reviews and journals, and a valuable collection of works of reference are at the service of the members.

ALUMNI ASSOCIATION. — Its object is "to strengthen the ties which unite the members to each other, and to the Institution at which they were educated." The constitution provides that any graduate or student of St. Louis University may become a member of the Association, subject to the rules therein specified. Meetings for the purpose of social reunion are held in one of the College halls at stated times.

ATHLETIC ASSOCIATION.— The purpose of this society of Alumni and students is to secure healthy physical exercise; to promote among the students an interest in athletics; to aid the athletic activities of the Institution; and to foster a lively college spirit by their presence and participation in contests.

"FLEUR DE LIS."— The *Fleur de Lis*, published bimonthly by the undergraduates, is the organ of the University. Its purpose is to encourage literary effort among the students and to chronicle all matters of interest pertaining to the Institution. Special attention is given to a department reserved for the Alumni, and they are cordially invited to actively co-operate in making the *Fleur de Lis* a useful medium of intercommunication. The magazine depends on the patronage of the students and friends of the University.

EXPENSES

As the Institution is not endowed, it is entirely dependent for its support on the fees paid for tuition. Tuition, per session of ten months, for all classes, $60.

Students of Physics and Chemistry pay $10.00 per year for the lecture table apparatus, and $5.00 for laboratory materials. A small sum is deposited with the Treasurer for breakage.

Students of Biology pay $5.00 per year for laboratory material and use of instruments.

Diplomas for the graduates in the Classical, Scientific and Post-graduate Course, $10.00.

Certificate for the completion of the English Course, $5.00.

Payments must be made quarterly or seim-annually in advance. The account for tuition dates from the day of the student's entrance. No deduction is allowed for absence, except in case of dismissal or protracted illness. The session is divided into quarters, beginning respectively about the 1st of September, the 15th of November, the 1st of February, and the 15th of April.

Suitable lodging in the neighborhood of the University can be secured at moderate rates.

ACKNOWLEDGMENTS

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Riley, Walter F.
Riley, W. J.
Ring, John
Roberts, Charles V.
Robison, John F.
Robinson, J. M.
Roeder, John
Rossman, Vincent D.
Runder, Francis B.
Russell, T. J., Dr.
Ryan, M. A.
Ryan, Thomas C.
Scanlan, Philip C.
Schaefer, Jacob
Schenk, John Jr.
Schneiderhahn, E. V. P.
Schreiner, F. L.
Schreiner, Jacob
Scott, John L.
Scullin, Harry
Scott, John R.
Scott, Thomas
Scott, William H.
Seitz, L. A.
Sheahan, Edwin L.
Sheahan, J. Harold
Shea, Rev. W. A.
Sheehan, John, Jr.
Sheehan, Thomas L.
Sherwood, Adiel
Shooler, Robert J.
Simon, J. H., Dr.
Slevin, Albert W.
Slevin, Eugene C., Esq.
Smith, Ellsworth F. Jr., Dr.
Smith, Sheppard
Somme, O. A.
Spellen, H. P.
Staed, Mark
Stanley, Franklin J.
Stauf, H. D., Dr.
Stark, Leroy B.
Steer, Justin, Dr.
Stewart, Hugh H.
Storm, John M., Jr.
Strong, Jules
Stuever, Anton C.
Sweeney, Felix
Sweeney, James
Sweeney, Frank L.
Susanka, William
Tannrath, Rev. John
Thierry, Charles M., Dr.
Thomas, Frederick J.
Thornton, Francis A.
Tracy, John H.
Tracy, William J.
Troy, Edward J.
Troy, James B.
Wagner, Edwin H.
Walsh, Alphonse J.
Walsh, Edward J.
Walsh, L. Hastings
Walsh, Joseph P.
Walsh, Julius S.
Walsh, Rev. T. J.
Wangler, Charles J.
Wangler, Joseph A.
Ward, J. C.
Warren, John P.
Weis, Henry C.
White, Franklin M.
Wilhelm, George
Wise, Charles E.
Wise, Charles P.
Wise, Cyril P.

Wise, Frank A.
Wise, H. M.
Woods, Henry F.
Woods, W. F.
Wright, George
Wright, Joseph P.
Wright, Frank L.
Wright, John J.
Zwart, B. Lee

DEPARTMENTS OF THE UNIVERSITY

The University comprises the following departments: —

I. College
II. Academy
III. Commercial Department
IV. Military Science
V. Normal School
VI. School of Philosophy and Science
VII. School of Divinity
VIII. School of Medicine

THE COLLEGE

SCHEDULE OF RECITATIONS

SENIOR.	JUNIOR.	A. M.	SOPHOMORE.	FRESHMAN.
Calculus — M. T. W. Astronomy — F. S.	Philosophy.	9:00	Latin.	Latin.
Philosophy.	Latin — M. T. W. Greek — F. S.	10:15	Greek.	Greek.
	Physics.	11:00	Physics.	Chemistry.
		P. M.		
Chr. Doc. — T. S.	Drill — M. W. F. Chr. Doc. — T. S.	12:45	Drill — M. W. F. Chr. Doc. — T. S.	Drill — M. W. F. Chr. Doc. — T. S.
Philosophy.	English — M. T. W. History — F. S.	1:15	Anal. Geom.— M. T. S. Civics — F. Elocution — W.	Trig. — M. T. W. F. Elocution — S.
Geology — M. T. English — F. S. Elocution — W.	Biology — M. T. Algebra — W. F. Elocution — S.	2:00	English — M. T. W. History — F. S.	English — M. T. W. History — F. S.

I

THE COLLEGE

FACULTY

REV. W. BANKS ROGERS, S. J.,
President.

REV. JOSEPH H. DICKHAUS, S. J.,
Vice-President and Prefect of Studies.

REV. WILLIAM T. KINSELLA, S. J.,
Lecturer on Evidences of Religion, Mental and Moral Philosophy.

FREDERIC SIEDENBURG, S. J.,
Lecturer on Physics, Calculus and Astronomy.

JOHN P. MORRISSEY, S. J.,
Lecturer on Chemistry and Mathematics.

REV. THOMAS A. O'MALLEY, S. J.,
Professor of Latin, Greek and English of Junior Year.

REV. JOHN C. BURKE, S. J.,
REV. FRANCIS J. O'BOYLE, S. J.,
REV. THOMAS F. WALLACE, S. J.,
Professors of Latin, Greek and English of Sophomore Year.

PATRICK DOLAN, S. J.,
Professor of Freshman Year.

REV. JOHN H. LODENKAMPER, S. J.,
Instructor of German.

REV. JOHN KIELY, S. J.,
Instructor of French.

PEDRO M. JIMENES, S. J.,
EMMANUEL PEYPOCH, S. J.,
Instructors of Spanish.

CHARLES E. SCHUETZ, S. J.,
Instructor of Elocution.

FRANKLIN J. STANLEY, B. S.,
Instructor of Bookkeeping.

COURSE OF STUDIES FOR THE DEGREE OF BACHELOR OF ARTS

CLASSICAL COURSE

The Classical Course is designed to impart a thorough liberal education. In the accomplishment of this purpose the ancient classics hold the first place as the most efficient instrument of mental discipline. Besides English, Latin and Greek, this course embraces Religious Instruction, Mental and Moral Philosophy, Biology, Astronomy and Mathematics, History, Literature, the Natural Sciences, the Modern Languages — in a word, all the usual branches of a thorough education. Experience has proved that this course best develops all the faculties, forms a correct taste, teaches the student how to use all his powers to the greatest advantage and prepares him to excel in any pursuit, whether professional or commercial. This course embraces four years, and presupposes the academic or high school course.

COLLEGIATE DEPARTMENT

Philosophy

Course I. Psychology (Senior Year). — Five hours a week, one term.

Life, Vegetative, Animal, Intellectual. Organic bodies essentially different from inorganic. Life. Protoplasm. Vital principle, distinct from physical and chemical forces. Animals sentient not rational. Instinct. Natural Selection. Lapsed Intelligence. Rational life. Essential difference between sense and reason.

The Soul. — A simple, spiritual substance. False theories of the Ego. Monistic theories. Individuality. Unity. Identity of the principle of the vegetative, sentient and rational life in man. Union of soul and body. Occasionalism. Scholastic doctrine. Locus of the soul. Localization of cerebral functions. Time of origin. Origin of the soul. Creationist doctrine. False theories. Neo-Scholastic doctrine. Theory of Evolution.

Origin of Ideas. — The intellect and brain. Universal and abstract concepts. Innate ideas. Empiricism, Ontologism, Associationism. The

Schoolmen. Doctrine of St. Thomas. Attention. Reflection. The soul's consciousness of itself. Sensation. Perception. Psycho-physics. The Imagination. Estimative faculty. Sensuous appetite and locomotion. Voluntary, automatic, reflex, impulsive movements. Feeling.

Rational Appetency. — The human will. Desire and volition. Spontaneous and deliberate action. Choice. Self-control. Free-will and Determinism. Fatalism. The Emotions. Hypnotism.

Course II. Natural Theology (SENIOR YEAR). — Five hours a week, one term.

The Existence of God. Method of proof. Ontologism. Traditionalism. The "Ontological Proof" of St. Anselm. Metaphysical, Cosmological, Moral arguments. Atheism. Agnosticism; its religious and moral consequences. The Physical and Metaphysical Essence of God. Infinite Perfection. Unity of God. Pantheism. "Anthropomorphism." Immortality, Eternity and Immensity of God. The Divine Intellect and Knowledge. The Free Will and Omnipotence of God. God creating, preserving, concurring with creatures. Divine Providence.

Course III. Ethics (SENIOR YEAR). — Ten hours a week, one term.

General Ethics

Nature, object, necessity of Ethics. Fundamental principles. False theories. The ultimate end of man. Use of the present life. Human acts. Merit and Accountability. Virtue and vice. Nature of morality. Standards of morality. Hedonism and Utilitarianism. The moral sense. Determinants of morality. Law. The Eternal Law. The Natural Law; its properties and sanction. Origin of moral obligation. False theories. Conscience.

Special Ethics

Rights and duties. Worship of God. Obligation of accepting Divine Revelation. Rationalism. Indifferentism. Suicide. Self-defense. Homicide. Lying and mental reservation.

Right of ownership. Communism. Socialism. "Single Tax." Modes of acquiring property. Contracts. Relations of Capital and Labor. Employers' Unions. Trade Unions. Strikes.

Society in general. The Family. Divine institution, unity and indissolubility of marriage. Parental authority. Education. Civil society; its nature, end and origin. False theories. Forms of civil government. Citizenship. Universal suffrage. Functions of civil government: legislative, judiciary, executive. Taxation. Death penalty. Freedom of worship. Freedom of the Press.

International law. Foundations of international law. Mutual relations of nations. Right of commerce. Intervention. Rights of neutrals. War and arbitration.

Course IV. Cosmology (Junior Year). — Five hours a week, one-half term.

Creation. Pantheism. General principles. Ancient and Modern Pantheists. Purposes and perfection of the Universe. Laws of Nature. Miracles. Occult Powers. Spiritism. Hypnotism. Constitution of bodies. Atomism. Dynamism. Vortex Theory. Properties of Matter. Time and Space.

Course V. General Metaphysics (Junior Year). — Five hours a week, one-half term.

The concept of being. Essence and existence. Possible being. The Positivist school. Transcendentalism. Attributes of being: Unity, Truth, Goodness. Substance and Accident. Personality. Quantity. Quality. Relation. Principle and cause. The Principle of Casualty. Perfections of being. Infinity. Necessity. Order and Beauty.

Course VI. First Principles of Knowledge. Applied Logic (Junior Year). — Five hours a week, one-half term.

The nature of certitude; kinds and degrees. Truth. Universal skepticism. Cartesian Doubt. Criterion of Certitude; Objective Evidence. Trustworthiness of the Senses and Intellectual Powers. Objectivity of ideas. Belief on Human and Divine Testimony.

Course VII. Dialectics (Junior Year). — Five hours a week, one-half term.

The Province of Logic, Formal and Material. The Foundations of Logic. The Principles of Contradictions. Identity. Causation. Excluded middle. Simple apprehension; modern errors. Universal ideas. Propositions: their nature and divisions; Opposition and Conversion. Reasoning. The Syllogism and its Laws. Formal and Material Induction. Fallacies.

Text-Books and References. — Russo, S. J.; Jouin, S. J.; Hill, S. J.; Maher, Rickaby & Boedder, S. J. (Stonyhurst Series). Coppens, S. J.; Liberatore, S. J.; Poland, S. J.; Lahousse, S. J.; Harper, S. J.; Devas' Political Economy. Thein's Christian Anthropology.

Latin

Course I. (Junior Year). — Three hours a week.

Composition. — Latin dissertations on assigned subjects, oral and written. Sight translation and Latin Conversation.

Authors. First Term. — Cicero, "De Officiis;" "Somnium Scipionis;" Plautus, "Duo Captivi;" Seneca, "Opera Philosophica."

Second Term. — Cicero, "Quaestiones Tusculanae;" Pliny, "Let-

ters" (Westcott); Lucretius, "De Origine Rerum;" or one tragedy, "Hercules Furens."

Course II. (Sophomore Year). — Five hours a week.

Composition. — One written composition in imitation of Cicero required each week. Elegant translations. Oratorical analyses of authors. Latin orations. Sight translation and Latin Conversation.

Authors. First Term. — Cicero, "Pro Lege Manilia;" Horace, "Epodes," "Satires," "Epistles" (Selections); Tacitus, "Annals" (2 books).

Second Term. — Cicero, "Pro Milone" and "Pro Ligario;" Juvenal, "Satires;" Tacitus, "Agricola."

Course III. (Freshman Year). — Five hours a week.

Composition. — Two exercises in Latin composition each week. Exercises in Latin verse composition, including imitations of Horace. Sight translation and Latin Conversation.

Authors. First Term. — Cicero, "Pro Archia;" Virgil, "Aeneid;" (2 Books); Horace, "De Arte Poetica;" Quintilian, Book X.

Second Term. — Horace "Odes" (Selected); Livy, Books XXI, XXII; Select Christian Lyrics.

Greek

Course I. (Junior Year). — Two hours a week.

First Term. — Aeschylus, "Agamemnon;" Plato, "Gorgias;" St. Basil, "In Gordium Martyrem;" or, "On the Reading of Books."

Second Term. — Plato; "Phaedo;" Pindar, "Pythian Ode IV;" Sophocles, "Antigone;" or Aristophanes "The Birds."

Course II. (Sophomore Year). — Five hours a week.

First Term. — Demosthenes, "Philippica I;" Aeschines, "In Ctesiphontem;" Sophocles, "Oedipus Tyrannus."

Second Term. — Demosthenes, "Olynthiacs 1 and 2;" Sophocles, "Oedipus Coloneus;" Thucydides, Book II. St. John Chrysostom, "Eutropius."

Course III. (Freshman Year). — Five hours a week.

First Term. — Homer, "Iliad;" (Two Books); The Bucolic Poets: Theocritus, Bion, Moschus (Selections).

Second Term. — Homer, "Odyssey;" Euripides, "Hecuba," or, "Media;" Herodotus (Merry's Selections).

English

Course I. (SENIOR YEAR). — Two hours a week.

Precepts. — Philosophy of Literature. Canons of Criticism. The Scientific and Philosophical Essay. Its form and style. The Thesis· introduction, statement, explanation, proofs, refutation.

Literature. — Biography and estimate of English Philosophers.

AUTHORS. — Stonyhurst Series. Balmes, Wiseman, Newman, Brownson, Emerson, McCosh, Manning, Tyrrell, Gerard.

Practice. — Papers on philosophical subjects. Oral and written criticisms of papers presented in class.

N. B. A written thesis is required of candidates for degrees.

Course II. (JUNIOR YEAR). — Three hours a week.

Precepts. — Dramatic Poetry; Tragedy, Comedy; their Origin, History, and Development. Nature, Characteristics. Laws and theories of Dramatic Composition.

REFERENCE. — Blair, Schlegel, Jevons, Moulton, Symonds, Hazlitt, Baumgartner, Gervinus, Dowden.

Literature. — Biography and estimate of Dramatists, ancient and modern.

AUTHORS.— General and comparative study of dramatic compositions. Greek and Roman tragedy and comedy. French comedy; Moliere and his influence. The Interlude. Miracle and Mystery plays. The modern drama. The Renaissance. The French Tragic Drama. Corneille and Racine. The Spanish drama. Lope de Vega and Calderon. The English drama. Shakespeare and his predecessors. The drama of the Restoration. The German drama. Lessing, Goethe and Schiller. The Romantic School. The Problem Play.

Practice. — Critical essays; analysis and discussion of authors, plots, morals, characters, etc. Class study and analysis of "Everyman," "The Alchemist," "The Merchant of Venice," "Macbeth," "The Tempest," "Midsummer Night's Dream," "King Lear," Memory passages.

Course III. (SOPHOMORE YEAR). — Three hours a week.

Precepts. — Nature and theory of Oratory; Deliberative, Forensic, Demonstrative, Sacred. Sources of success. Invention of thought. Topics, Arguments, Methods.

REFERENCE. — Quinctilian. Kleutgen. Blair. Genung.

Literature. Biography and estimate of Orators and Historians.

AUTHORS. — Webster, "Bunker Hill Orations;" "Address on Adams and Jefferson;" "Knapp's Trial;" "Reply to Hayne." Burke, "American Taxation," and "Address to the Bristol Electors."

Speeches in "Paradise Lost," Bk. 2, and in "Julius Caesar." Selections from Chatham, Sheridan, Clay, Calhoun. Lincoln's Gettysburg Address. Newman's "Second Spring." Historical Essays of Macaulay, Prescott, Spalding, Newman.

Practice. — Weekly orations on current topics, in imitation of models. Original historical essays. Critical essays, analysis, and discussion of Authors and Historians. Memory passages.

Course IV. (FRESHMAN YEAR). — Three hours a week.

Precepts. — Literary Aesthetics. The Beautiful. The Physical and Moral Sublime. Criticism. Taste. Imagination. Sentiment. Poetry, Nature and Divisions. Narrative Poetry. The Epic. Metrical Romance. The Ballad. Descriptive Poems.

Lyric Poetry: Varieties. Essays. Novels.

REFERENCES. — Kleutgen, Schlegel, Blair, Genung, Sydney, Stedman, Ward, Aristotle's "Poetics," Brander Matthews.

Literature. — Biography and estimate of Poets, Essayists and Novelists.

AUTHORS. — "Paradise Lost," Bks. I, IV, and V. Dante, Divina Commedia, 3 Cantos. "Lycidas," "Sohrab and Rustum;" Dryden's "Alexander's Feast;" Shelley's "Adonais;" Lyrics of Herrick, Wordsworth, Longfellow, Tennyson, Francis Thompson; Pope's "Essay on Criticism" in connection with Horace. Prescott's and Macaulay's Critical Essays. "The Spectator;" "Tatler;" Novels of Scott, Thackeray, Dickens, Hawthorne.

Practice. — Original papers in poetry and Essay writing. Critical essays, analysis and discussion of authors. Memory passages.

Practical Oratory and Debating

Course I. — Two hours a week.

The object of this course is to train students to readiness and fluency in public speaking. To this end it is conducted according to strict parliamentary practice. The literary and oratorical exercises are always under the direct supervision of a member of the Faculty. They are as follows: —

Declamation and Elocutionary Reading. Criticism and Discussion of interpretation and delivery. Composition and reading of stories, poems and essays, historical, critical, or personal. Set orations illustrative of the precepts for oratorical composition. Extempore speaking. The theory and practice of parliamentary law. Debates.

Evidences of Religion

Course I. (Senior Year). — One hour a week.

General review, with special study of the more important points of doctrine and morals. Critical analyses of controverted dogmas, and tenets of the sects.

Course II. (Junior Year). — One hour a week.

First Term. — Christianity, a revealed religion. Revelation in general. Pre-Christian revelation. The Christian revelation. The Church; its Constitution, Institution, and End.

Second Term. — Marks of the Church. Teaching Office of the Church. Holy Scripture. Tradition. The Rule of Faith. The existence of God. Nature and Attributes of God. Unity of God. The Trinity.

Course III. (Sophomore Year). — One hour a week.

First Term. — Creation. The Spiritual World. The Material World. Man and the Fall. God the Redeemer. The person and nature of the Redeemer. The work of the redemption. Grace: actual, habitual, sanctifying.

Second Term. — The Sacraments in general. Baptism. Confirmation. The Blessed Eucharist as a Sacrament and as a Sacrifice. The Sacrament of Penance. Extreme Unction. Holy Orders. Matrimony. The Theological Virtues. The Four Last Things.

Course IV. (Freshman Year). — One hour a week.

First Term. — The Church as a means of Salvation. The last things. Christian morals. Basis of morality. Law. Conscience. Free Will. Moral good and moral evil. The Christian's duty towards God. Faith, Hope, Charity.

Second Term. — The virtue of religion. Direct act of religion. Indirect acts. Veneration of Saints, etc. The Christian's duties towards himself and his neighbor. Christian perfection.

History

Course I. (Senior Year). — **History of Philosophy.** Two hours a week.

First Term. — Oriental Philosophy: The Vedas. Theories of Egypt and Asia. The Ionic School. The Pythagoreans. The Sophists. The Socratic School. The Epicureans. The Stoics. The Skeptics. The Syncretists and Roman Philosophy. Jewish-Alexandrian

Philosophy. Neo-Pythagoreanism. Neo-Platonism. The Fathers of the Church. The Gnostics. The Schoolmen. The Mystics. The Revival of Platonism, — of Aristotelianism. Arabian and Jewish philosophy.

SECOND TERM. — Modern Philosophy. Descartes and his followers. Malebranche, Spinoza, Bayle, Locke, Hume, the Encyclopedists, Leibnitz, Wolff, Berkeley, Rousseau, The Scottish School, The Transcendentalists: Kant, Fichte, Hegel, Schelling, and their schools of thought. Positivism. Modern Evolution theories. The Neo-Scholastics. Thomistic philosophy.

Course II. (JUNIOR YEAR). — **Philosophy of History.** Two hours a week.

FIRST TERM. — The beginnings of history. Its sources and development. Primitive nations. Points of similarity and difference. Forces of natural life. Religion, literature, location. Common aids. Modern nations.

SECOND TERM. — Nature and general laws of history. Sources of historical information. Requisites of the historian. General reliability of history. Special sources of error. False statements. Suppression of facts. Partiality. Prejudice. False theories.

Course III. (SOPHOMORE YEAR). — Two hours a week.

FIRST TERM. — **Church History.** The Ante-Nicene Church. The Benedictines. St. Gregory and the Missionaries. The Dark Ages. Charlemagne. Gregory VII. and Investitures. Boniface and Philip the Fair. The Crusades. Scholasticism. Education in general. The Schism of the West. The Renaissance. The Reformation. Jansenism. The French Revolution. Modern Times.

SECOND TERM. — **Political History of the United States.** Settlement of Virginia and Massachusetts. French and Indian Wars. Causes of the Revolution. Articles of Confederation. Adoption of the Constitution. Rise of Political Parties. Virginia and Kentucky Resolutions. Foreign Relations. The Louisiana Purchase. The Hartford Convention and War of 1812. South Carolina and Nullification. The Bank of North America. Slavery Question. Texas and the Mexican War. The Abolition Party. The Civil War. The Tariff. The Spanish War. Annexation.

Course IV. (SOPHOMORE YEAR). — One hour a week.

FIRST TERM. — **Principles of Government.** General Principles. State Governments: their basis. Elections. Legislative, Executive, and Judicial Departments. National Government. Origin and Nature, Legislative, Executive, and Judicial Departments.

SECOND TERM. — **Principles of Law.** Civil Rights in General. Contracts. Real Estate. Criminal Law. International Law. Relations of nations in peace and in war.

Course V. (FRESHMAN YEAR). — **English History.** Two hours a week.

FIRST TERM. — The Romans in Britain. Anglo-Saxon Conquest. The Conversion of England. Mercia and Wessex. The Danish Conquest. The Norman Invasion. William the First to Henry the Sixth. The War of the Roses. Edward the Fourth to James the First.

SECOND TERM. — Charles the First and the Struggle with Parliament. The Civil War and Commonwealth. Charles the Second to Creation of Colonial Empire. Loss of American Colonies. War with Napoleon. George the Fourth to Edward the Seventh. Colonial Imperialism.

Mathematics

Course I. (SENIOR YEAR). — Differential Calculus (Taylor). Three hours a week.

Differentiation — algebraic, logarithmic, and exponential functions. Integration and application to Geometry. Successive differentiation and integration. Development of functions in series. Maxima and minima. Tangents, normals, and asymptotes. Problem work.

Course II. (JUNIOR YEAR). — Higher Algebra (Wentworth). Two hours a week.

Review to radical expressions. Ratio. Proportion. Variation. Series. Chance. Binomial Theorem. Indeterminate Co-efficients. Theory of Numbers. Determinants. Theory of Equations.

Course III. (SOPHOMORE YEAR). — Analytic Geometry (Wentworth). Three hours a week.

Loci and Equations. The Straight Line. The Circle. Different Systems of Co-ordinates. The Parabola. The Ellipse. The Hyperbola. Loci of Second Order. Higher Plane Curves.

Course IV. (FRESHMAN YEAR). — Plane and Spherical Trigonometry, and Surveying (Wentworth). Four hours a week.

FIRST TERM. — Plane Trigonometry; Right and oblique triangles; Problems and Applications; Algebra, one hour a week.

SECOND TERM. — Spherical Trigonometry and Geometry; Right and Oblique Triangles; Gauss' Equations; Napier's Analogies; Problems; Surveying; Field Work.

SCIENCES

Astronomy

Course I. (Senior Year). — Two hours a week. The Doctrine of the Sphere. The Earth, Moon, Sun, Eclipses. Celestial Mechanics. The Planets and Asteroids. Comets and Meteors. The Stars. Uranography.

Practice. — Use of transit circle and of the Equatorial. Use of the Ephemeris. Calculation of Eclipses. Use of the Spectroscope.

Geology

Course II. (Senior Year). — Two hours a week.

Dynamical Geology.— Winds, Weathering, Rivers, Glaciers, Lakes, The Ocean, Volcanoes, Earthquakes.

Structural Geology. — Rock-forming Minerals, Composition and Structure of Rocks. Physiographic Structure.

Historical Geological. — Archaean, Paleozoic, Mesozoic, Cenozoic and Psychozoic Eras.

Biology

Course III. (Junior Year). — Two hours a week.

General biology of cell, animal and plant. Morphology, physiology, development and classification. Unicellular organisms. Multicellular plants and animals. — Microscopic studies and dissections. Laboratory and Field Work.

Physics

Course IV. (Junior Year). — Five hours a week.

First Term. — Light: Transmission. Reflection. Refraction. Spectrum Analysis. Polarization. Diffraction. Interference. Theories of Light. Magnetism: Induction. Lines of Force. Terrestrial Magnetism. Electrostatics: Induction. Condensation. Electrical Potential. The Holtz and the Wimshurst machines. Lines of Force.

Second Term. — Electrokinetics: Batteries. Galvanometers. Electrical Measurements. Electro Magnetic Induction. The Dynamo. The Motor. Transformers. Direct, Alternating, and Multiphase currents. Tesla effects. Crookes Tubes. Roentgen Rays and Radioactivity. Laboratory work.

Course V. (Sophomore Year). — Five hours a week.

First Term. — Mechanics. Kinematics. Dynamics. Statics. Gravi-

tation. The Pendulum. Constitution of Matter: Solids, Liquids, Gases. Properties and Laws. Specific Gravity.

SECOND TERM. — Sound: Analysis of Vibration. The Wave Theory. Physical theory of Music. Heat: General effects. Vaporization. Latent Heat. Specific Heat. Thermodynamics.

Chemistry

Course VI. (FRESHMAN YEAR). — Five hours a week.

FIRST TERM. — Inorganic Chemistry. Fundamental laws and theories. Air. Water. Hydrogen. Oxygen. Nitrogen. Halogens. Non-Metals and their Compounds. Laboratory work.

SECOND TERM. — Review of the laws and theories. Metals and their compounds. Organic Chemistry. Hydrocarbons. Scientific and Commercial applications. Laboratory Work.

Elocution

Course I. (SENIOR YEAR). — One hour a week.

Theory and practice. Mutual criticism of interpretation and delivery. Discussion. Dramatic and Bible Readings. Extempore Speaking.

Course II. (JUNIOR YEAR). — One hour a week.

Theory and Practice. Interpretation and rendition of various species of dramatic selections; Tragedy, Comedy, etc. Dialogues and Scenes. Descriptive and Narrative Readings.

Course III. (SOPHOMORE YEAR). — One hour a week.

Interpretation and rendition of oratorical and poetical selections. Character study and interpretation. Concert Drill.

Course IV. (FRESHMAN YEAR). — One hour a week.

Vocal Culture and Gesture Drill of preceding years reviewed and perfected. Analysis of the passions; interpretation and delivery. Concert Drill.

N. B. Much private instruction is given, in preparation for public and private contests and dramatic performances.

Modern Languages

The study of French, German or Spanish is optional. Instruction in these languages is given without extra charge.

WEEKLY TIME SCHEDULE

FRESHMAN.

	Hours.
Latin — Course III	5
Greek — Course III	5
English — Course IV	3
Science — Course VI	5
History — Course V	2
Mathematics — Course IV	4
Christian Doctrine — Course IV	1
Elecution — Course IV	1
	26

SOPHOMORE.

	Hours.
Latin — Course II	5
Greek — Course II	5
English — Course III	3
Science — Course V	5
History — Courses III and IV.	3
Mathematics — Course III	3
Christian Doc. — Course III	1
Elocution — Course III	1
	26

JUNIOR.

	Hours.
Philosophy — Courses IV, V, VI, VII	5
Science — Courses III, IV	7
Latin — Course I	3
Greek — Course I	2
English — Course II	3
Mathematics — Course II	2
Christian Doc. — Course II	1
History — Course II	2
Elocution — Course II	1
	26

SENIOR.

	Hours.
Philosophy — Courses I, II, III	10
Mathematics — Course I	3
Science — Course I	2
English — Course I	2
History — Course I, or Science, Course II	2
Christian Doc. — Course I	1
Elocution — Course I	1
	21

SEVENTY-FIFTH ANNUAL COMMENCEMENT

JUNE 15, 1904

CONFERRING OF DEGREES

The Degree of Bachelor of Arts was conferred upon:

FERDINAND ALBERT BARTHELS
LAURENCE BERNARD BITZ, JR.
JAMES EDWARD CORBETT
JOHN MULLANPHY CHAMBERS
DANIEL DILLON, JR.
ANDREW FULLER DREW
WILLIAM PERCY HAYES
JOSEPH PAUL HENNERICH, JR.
ROBERT FRANCIS IMBS
THOMAS CLEMENT LONERGAN
PAUL DESNEVAL MORIARTY
WILLIAM ALOYSIUS MURPHY
RICHARD PRENDERGAST
VALLE REYBURN, JR.
JOHN HENRY SCHULTE
FRANCIS CHARLES UNGER.

THE GOLD MEDAL

for the highest honors of the graduating class was merited by

ANDREW F. DREW.

Donor of Medal:

ST. LOUIS UNIVERSITY ALUMNI ASSOCIATION.

THE KIELTY CATECHETICAL MEDAL

for the best Catechetical Essay was awarded to

DANIEL DILLON, JR.

Next in merit, T. CLEMENT LONERGAN.

Subject: "The Immaculate Conception."

THE DREW SCIENTIFIC MEDAL

for the best Scientific Essay was awarded to

ALPHONSE E. GANAHL.

Next in merit, RALPH A. KINSELLA.

Subject: "Latent Heat of Vapor."

THE BYRNES PHILOSOPHICAL MEDAL

for the best Philosophical Essay was awarded to

ANDREW F. DREW.

Next in merit, T. CLEMENT LONERGAN.

Subject: "The Morality of Vivisection."

THE GOLD MEDAL

for the best Debate was awarded to

ANDREW F. DREW.

Next in merit, G. PRATHER KNAPP.

CONTEST IN ELOCUTION

The Gold Medal was won by

RICHARD PRENDERGAST.

Next in merit, T. CLEMENT LONERGAN.

Donor of Medal: REV. EDWARD J. SHEA, Rector of St. Kevin's Church.

JUNIOR CLASS

The Gold Medal for the highest average in the collective branches of the class was merited by

ALPHONSE E. GANAHL.

Donor of Medal: Rev. JOHN J. TANNRATH, Rector of St. Agnes' Church.

First Honors: RALPH A. KINSELLA, GERVAIS P. GAIENNIE.

Second Honors: E. CLIFTON LITTLE, JAMES G. GILMORE,
LOUIS P. DESJARDINS, LEO D. MCCARTHY.

Special Mention

ALPHONSE E. GANAHL.....First: Evidences of Religion, Latin, Greek, Mathematics, Physics. Second: English Precepts.

GERVAIS P. GAIENNIE..... First: English Precepts. Second: Evidences of Religion, Greek.

LOUIS P. DESJARDINS.....First: English Composition.

RALPH A. KINSELLA.... ...Second: Latin, English Composition, Mathematics, Physics.

E. CLIFTON LITTLE .....Second: Composition.

JAMES G. GILMORE.....Second: Physics.

SOPHOMORE YEAR

The Gold Medal for the highest average in the collective branches of the class was merited by

G. PRATHER KNAPP.

First Honors: JAMES J. LONERGAN, BRYAN M. TAYLOR, WILLIAM LAFFERTY.

Second Honors: FREDERICK J. TOBIN, J. LUCIAN HOBBS, JOSEPH P. ISAAK.

Special Mention

G. PRATHER KNAPP.....First: Evidences of Religion, Latin, Greek, English Precepts, English Composition.

JAMES J. LONERGAN.....First: Mathematics. Second: English Composition, Chemistry.

GEORGE VALLE BAIN.....First: Chemistry. Second: Mathematics.

J. LUCIAN HOBBS.....Second: Evidences of Religion, English Precepts.

JAMES A. HORAN .....Second: Latin.

THOMAS PECHAN.....Second: Greek.

FRESHMAN CLASS

The Gold Medal for the highest average in the collective branches of the class was merited by

JOHN C. TOBIN.

First Honors: CHRISTOPHER W. ECKERT, D. CASEY NUGENT, HERMAN C. ROSS, JOSEPH A. MATOUSHEK, ROLAND F. ARND.

Second Honors: JOSEPH H. ALBRECHT, MARK S. GROSS, ROLAND P. HAHN, JOSEPH B. IDOUX, JOHN J. MARGOLD, JOHN J. KEEFE, CHARLES M. SANDOVAL, HARRY J. PADBERG.

Special Mention

D. CASEY NUGENT.....First: English Precepts, English Composition, History. Second: Bookkeeping.

CHRISTOPHER W. ECKERT..First: Christian Doctrine. Second: Mathematics, History.

JOHN C. TOBIN.....First: Mathematics, Bookkeeping.

HERMAN C. ROSS.... .....First: Latin. Second: English Precepts.

ROLAND F. ARND.....First: Spanish. Second: Greek, English Composition.

JOHN J. MARGOLD.....First: Greek.

JOSEPH A. MATOUSHEK....Second: Christian Doctrine, Latin.

HARRY J. PADBERG.....Second: Spanish.

JOSEPH H. ALBRECHT.....Second: Spanish.

REGISTER OF STUDENTS

SENIOR CLASS

Barthels, Ferdinand A., St. Louis.
Bitz, Lawrence B., Evansville, Ind.
Cartan, Lawrence V., St. Louis.
Chambers, John M., St. Louis.
Corbett, J. Edward, St. Louis.
Dillon, Daniel, St. Louis.
Drew, Andrew F., St. Louis.
Hayes, W. Percy, St. Louis.
Hennerich, Joseph P., St. Louis.
Imbs, Robert F., St. Louis.
Lonergan, T. Clement, St. Louis.
Mariarty, Paul D., St. Louis.
Murphy, William A., St. Louis.
Prendergast, Richard, Chicago, Ill.
Reyburn, F. Valle, St. Louis.
Schulte, John H., St. Louis.
Unger, Francis C., St. Louis.

JUNIOR CLASS

Desjardins, Louis P., St. Louis.
Desloge, Louis F., St. Louis.
Gaiennie, Gervais P., St. Louis.
Ganahl, Alphonse E., St. Louis.
Gilmore, James G., St. Louis.
Flanagan, George M., St. Louis.
Kinsella, Ralph H., St. Louis.
Little, E. Clifton, St. Louis.
McCarthy, Leo D., St. Louis.
Pechmann, Edward P., St. Louis.
Schlafly, Paul A., St. Louis.
Tiernan, L. Curtis, Kansas City, Mo.

SOPHOMORE CLASS

Bain, G. Valle, St. Louis.
Blankemeier, Hans E., Kirkwood, Mo.
Burke, John F. X., St. Louis.
Cooke, Henry S., St. Louis.
Dowling, Michael J., St. Louis.
Farrelly, M. Dougherty, St. Louis.
Hobbs, Andrew E., Clyde, Mo.
Hobbs, J. Lucian, Clyde, Mo.
Horan, James A., St. Louis.
Imbs, F. Francis, St. Louis.
Isaak, Joseph P., St. Louis.
Knapp, G. Prather, St. Louis.
Lafferty William J., Alton, Ill.
Lonergan, James J., St. Louis.
McMorrow, Matthew F., St. Louis.
Pechan, Thomas F., St. Louis.
Raemdonck, Alphonse J., St. Louis.
Reilly, Joseph J., St. Louis.
Schlafly, J. Joseph, St. Louis.
Taylor, Bryan M., St. Louis.
Tobin, Frederick J., St. Louis.
Vaters, Alfred J., St. Louis.
Woods, T. Raymond, St. Louis.

FRESHMAN CLASS

Albrecht, Joseph H., St. Louis.
Arnd, Roland F., St. Louis.
Baier, Jerome F., St. Louis.
Bakewell, Paul, St. Louis.
Dean, William T., St. Louis.
Desloge, Marcel J., St. Louis.
Eckert, Christopher W., East St. Louis, Ill.
Fahey, Malachy B., St. Louis.
Fitzporter, Alonzo L., St. Louis.
Gross, Mark S., Normandy, Mo.
Hahn, Roland P., St. Louis.
Hennerich, Otto A., St. Louis.
Hertzog, Ernest C., St. Louis.
Idoux, Joseph B., East St. Louis.
Keefe, John J., St. Louis.
Kennealy, John V., St. Louis.
Lafferty, Frances R., Alton, Ill.
Lebeau, Francis J., St. Louis.
Livingstone, Francis V., St. Louis.
Mudd, Charles B., St. Charles, Mo.
McCarthy, Eugene F., St. Louis.
Margold, John J., St. Louis.
Matoushek, Joseph A., St. Louis.
Nugent, D. Casey, St. Louis.
Padberg, Harry J., St. Louis.
Rivet, I. Loyola, St. Louis.
Ross, Herman C., St. Louis.
Sandoval, Charles M., St. Louis.
Tobin, John C., Ferguson, Mo.

SPECIAL STUDENTS

Callaway, Alonzo N., Waco, Texas.
Crawford, John J., Pueblo, Col.
Langan, Oliver V., St. Louis, Mo.
Ramsey, Walter E., Tilsit, Mo.
Van Blarcom, Frederic, St. Louis, Mo.

ST. LOUIS UNIVERSITY

THE ACADEMY

THE ACADEMY

SCHEDULE OF RECITATIONS

HUMANITIES.	FIRST ACAD.	TIME.	SECOND ACAD.	THIRD ACAD.
Latin.	Latin.	9:00	Latin.	Latin.
Greek.	Greek.	10:15	English — M. T. W. and Latin — F. S. — 1st Term. Greek — 2nd Term.	Latin — F. S. English — M. T. W.
Bookkeeping — M.T.W.F. Physiology — S.	Phys. Geography — T. F. History — M. W. S.	11:00	Science — T. & F. History — M. W. S.	Science — T. & F. History — M. W. S.
Chr. Doc. — T. S. Mod.Languages — M.W.F.	Mod.Languages — M.W.F. Chr. Doctrine — T. S.	12:45	Mod.Languages — M.W.F. Chr. Doctrine — T. S.	Mod.Languages — M.W.F. Chr. Doctrine — T. S.
English — M. T. W. History — F. S.	Algebra.	1:15	Arith. — 1st Term. Algebra — 2nd Term.	Arithmetic.
Geometry — T. W. F. S. Elocution — M.	English — T. W. F. S. Elocution — M.	2:15	English — W. F. S. Botany — T. Elocution — M.	English — W. F. S. Zoology — T. Elocution — M.

II

THE ACADEMY

FACULTY

REV. W. BANKS ROGERS, S. J.,
Rector of the University.

REV. JOSEPH H. DICKHAUS, S. J.,
Prefect of Studies and Discipline.

REV. GEORGE J. LEAHEY, S. J.,
Assistant Prefect of Studies and Discipline.

MR. TERENCE H. DEVLIN, S. J.,
MR. JOHN H. GROLLIG, S. J.,
Instructors of the First Academic Class.

MR. WILLIAM A. PADBERG, S. J.,
MR. JOHN M. FARRELL, S. J.,
Instructors of the Second Academic Class.

MR. CHARLES A. SCHUETZ, S. J.,
MR. THOMAS A. SMITH, S. J.,
Instructors of the Third Academic Class.

*REV. JOSEPH G. ZEALAND, S. J.,
REV. LAWRENCE J. KENNY, S. J.,
REV. JOHN LODENKAMPER, S. J.,
Instructors of Special Classics.

REV. JOHN KIELY, S. J.,
Instructor of Christian Doctrine.

REV. JOHN LODENKAMPER, S. J.,
MR. JOHN H. GROLLIG, S. J.,
Instructors of German.

MR. PEDRO M. JIMÉNES, S. J.,
MR. EMMANUEL PEYPOCH, S. J.,
Instructors of Spanish.

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* Died Feb. 18, 1904.

THE ACADEMY

The Academy course embraces four years. The classes are called Humanities, First Academic, Second Academic, and Third Academic, corresponding more or less to the Senior, Junior, Sophomore and Freshman classes of the ordinary high school. This course has more weeks in the year and more class hours in the week than the public high school, and, therefore, it covers a larger field and takes in more branches. Accordingly a student who has successfully finished the seventh grade, is usually fit for the Third Academic Class.

It is necessary to reach down to the seventh grade, because the pupils coming from different primary schools are unequally prepared for academic or high school work.

The program of studies here given is based on the Grammar Method. A ready knowledge of English Etymology and some acquaintance with Syntax are required at entrance as a foundation for the study of Latin. Etymology forms the chief study in Latin during the first year. Memory work and daily drill, both oral and written, are used to secure familiarity with Latin forms. The synthetic method gives way to the analytic when an author is taken up to insure the knowledge already gained. Habits of observation, study and logical method are inculcated.

A review of the English grammar runs parallel with the study of Latin. This gives an opportunity for illustration and comparison, and the study of English is rendered intelligible and interesting.

During the second year, the case constructions of Latin are studied by precept and practice. In English, comparison with Latin constructions makes possible an intelligent discussion of English syntax. During the third year the study of Latin syntax is completed, at least, in the outline. The fourth year is devoted to a systematic review of the entire grammar. Latin and Greek are here studied in parallel, and the influence of Greek thought and expression upon the Latin language is traced and defined.

The relation of parts studied separately is now examined, that

symmetry and unity may characterize the science of language acquired. Without this insight derived from the final review, the preparation for the study of literature would be incomplete.

Gradual development on a systematic basis is also the aim in the selection and gradation of the other studies in the academy. It is desired to secure for the student an appreciation and grasp of the subject-matter in hand, thus to provide a solid foundation for future study, whether in the college or without.

Admission. — Every applicant for admission who is not acquainted with some member of the Faculty must submit testimonials of a good moral character. If he come from another school, he will be required to present a certificate of good standing in the institution which he has left. All who desire to enter should be present on the first day of the school year.

Requirements for Admission to the Academy

In English — A ready and sure knowledge of the parts of speech, of declensions and conjugations and of the analysis of simple sentences.

In Composition — Practice in simple narrative and description — exercises to be submitted. Correct spelling of words current in ordinary conversation is required.

In Arithmetic — Thorough acquaintance with Compound or Denominate Numbers and Fractions, both Common and Decimal. Solution of examples in these sections of Arithmetic can alone form a guarantee of a profitable review of subsequent portions.

In Geography — The main geographical and political divisions of the Continents. The location and description of the chief cities of the world. More in particular, the mountains, lakes and rivers, the states and capitals and chief cities of the United States.

JUNIOR SODALITY

FIRST TERM.	OFFICERS.	SECOND TERM.
Rev. Lawrence J. Kenny, S. J.,	Director	Rev. Lawrence J. Kenny, S. J.
Arthur J. Freeman	Prefect	Edward L. Tobin.
Sol. W. Gross	1st Assistant	William J. Lonergan.
Thomas Reyburn	2d Assistant	Julius F. Flanagan.
Julius F. Flanagan.	Sacristans.	Robert U. Bakewell.
Raymond J. Redden.		Wolfgang C. Hahn.
Joseph F. Chartrand.		Charles Eckert.

FIRST TERM.	OFFICERS.	SECOND TERM.
Walter A. Sauer.		Robert B. Leacock.
William J. Lonergan.		Alphonse E. Eberle.
B. Franklin Thomas.		Willis H. Murphy.
James F. McFadden.		John F. Maguire.
Eugene L. Padberg.	Counsellors.	Charles H. Ziebig.
Thomas McC. Knapp.		Ernest J. Blankemeier.
Peter Baker.		Charles J. Baker.
John H. David.		Ervin A. Pickel.
Francis J. Denvir.		James A. Farrell.

ACADEMIC LITERARY SOCIETY

FIRST TERM.	OFFICERS.	SECOND TERM.
William A. Padberg, S. J.,	President	William A. Padberg, S. J.
John J. Keefe	Vice-President	John C. Tobin.
William T. Dean	Secretary	Francis R. Lafferty.
Francis R. Lafferty	Treasurer	Christopher W. Eckert.
Christopher W. Eckert, Malachy B. Fahey	Censors.	Joseph H. Albrecht, Roland F. Arnd.
John C. Tobin, Charles M. Sandoval, Paul Bakewell	Committee on Debates.	William J. Lonergan, William J. O'Connor, Elmer C. McFadden.

THE ACADEMY COURSE

Latin

Course I. (Humanities). — Five hours a week.

Precepts: (First Term) Syntax reviewed with all the notes. — Prosody begun. (Second Term) Prosody continued; Comparative Grammar.

Authors: (First Term) Cicero, "De Amicitia," "Pro Marcello;" Virgil, "Eclogues," I and IV. (Second Term) Sallust, "Catilina;" Virgil, "Aeneid," Bks. I and II.

Practice: Two written exercises every week in imitation of authors. Sight Translation; Latin Conversation.

Course II. (First Academic). — Five hours a week.

Precepts: (First Term) Syntax from Moods and Tenses to the end, excluding the more difficult notes. Memory Lesson. (Second Term)

Syntax of First Term repeated, with notes and exceptions. Sight Translation.

Authors: (First Term) Cicero, Selected Letters; Caesar, Books III and IV. (Second Term) Caesar, Book V; Ovid, "Metamorphoses," Bks. II and VIII, and "Tristia."

Practice: Daily Drill on the Rules seen in the Grammar. — Written exercises based on Caesar and Cicero, three times a week. Oral review once a week.

Course III. (Second Academic). — Seven hours a week, first term. Five hours a week, second term.

Precepts: (First Term) Review of Etymology with Irregularities. Syntax of Case Construction, without Notes and Exceptions. (Second Term) Thorough Study of Case Constructions.

Authors: (First Term) Viri Romae: Cicero (selections), Phaedrus. (Second Term) Nepos: Caesar, Book I.

Practice: Daily Drill on Rules studied. Longer written exercises twice a week in imitation of Author. — Oral review once a week. Memory Lesson: 200 lines of Author of each term.

Course IV. (Third Academic). — Seven hours a week.

Precepts: (First Term) Regular Declensions and Conjugations. — Rules of Concord. (Second Term) Review of Declensions and Conjugations with exceptions and irregularities. Elementary Rules of Syntax.

Authors: Historia Sacra: Viri Romae.

Practice: Written exercises in imitation of Author three times a week. Memory Lesson: 200 lines each term.

Course V. (Special). — Ten hours a week.

Precepts: (First Term) Declensions and Conjugations, regular and irregular. Elementary Rules of Syntax. (Second Term) Syntax of Case Constructions with exceptions.

Authors: Historia Sacra: Cicero (selections). Caesar, Book I.

Practice: Daily Drill on Precepts, and longer written exercises three or four times a week. Memory Lesson: 200 lines of Author.

Greek

Course I. (Humanities). — Five hours a week.

Precepts: (First Term) Etymology and Syntax reviewed with all notes and exceptions. — Greek word-building. (Second Term) Comparative Grammar.

Authors: (First Term) Lucian's "Dialogues;" Plutarch: Anacreon

(selections). (Second Term) Xenophon, "Cyropaedia," Book I; or "Memorabilia," Book I; Homer, "Iliad," Book I.

Practice: Written exercises on Syntax in imitation of Authors.

Course II. (First Academic). — Five hours a week.

Precepts: (First Term) Review of Etymology, with exceptions and irregularities; Syntax of Case Constructions. (Second Term) Syntax of Moods and Tenses, without exceptions.

Authors: (First Term) Aesop's Fables or St. Luke's Gospel; Xenophon, "Anabasis," Book I. (Second Term) Xenophon, "Anabasis," Books II and III.

Practice: Daily Drill on Precepts. — Written exercises based on Authors.

Course III. (Second Academic). — Five hours a week. (Second Term).

Precepts: Regular Declensions. — Conjugations of Regular Verbs. — Formation of Tenses of Mute and Liquid Verbs.

Authors: Reading Lessons in the Grammar.

Practice: Daily drill in writing Greek in application of Precepts. — Translation of simple sentences in writing, three times a week.

Course IV. (Special). — Five hours a week.

Precepts: Declensions and Conjugations, regular and irregular. — Syntax of Case Constructions.

Authors: Reading Lessons in the Grammar; Xenophon, "Anabasis," Bk. I.

Practice: Daily drill on Precepts; written exercises based on Author, four times a week.

English

Course I. (Humanities). — Three hours a week.

Precepts: (First Term): Style; Qualities, Varieties; Wit and Humor. (Second Term): Species of Prose Composition; Narration, Description, Dialogues, Versification. For Reference: Genung, Hill, Scott.

Authors: (First Term): Scott's "Lady of the Lake;" Longfellow's "Evangeline," and "Tales of a Way-Side Inn;" Southwell's "Burning Babe;" DeVere's "Foray of Queen Maeve;" Patmore and Tennyson. (Second Term): Selections from Addison, Prescott, Macaulay, De Quincey, Milton, Shakespeare.

Practice: Once a week a written paper in illustration of the Precepts and Models studied in class. Daily exercises in literal or elegant translation of Latin or Greek author. Practice in versification.

Course II. (First Academic). — Four hours a week.

Precepts: (First Term): The choice and Use of Words. Purity. Propriety. Precision. Sentence structure. (Second Term): Paragraph building. Figures of Speech, Letter Writing.

Authors: Hawthorne's "Twice-Told Tales;" Goldsmith's "Deserted Village;" Gray's "Elegy;" Knight's "Half Hours with the Best Letter Writers;" Field's "Yesterday with Authors."

Practice: Drill in the precepts studied. Two compositions and two letters each week. Memory lesson from minor poets.

Course III. (Second Academic). — Six hours a week, first term; three hours a week, second term.

Precepts: (First Term): English Syntax. — Discussion of the proper and improper use of the parts of speech. (Second Term) Analysis of complex sentences in prose and in verse. Logical analysis of paragraphs.

Authors: Brown's "Rab and his Friends;" Irving's "Sketch Book;" Poe's "Gold Bug." Choice Selections.

Practice: Daily drill in correction of false syntax or in analysis of sentences. — Two compositions each week. Memory work. Selections from Goldsmith and Longfellow (Riverside Edition). Daily practice in reading, Orthography, and Penmanship.

Course IV. (Third Academic). — Six hours a week.

Precepts: Etymology. — Analysis of sentences. — Sentence building.

Authors: Ruskin's "King of the Golden River;" Dickens's "Christmas Stories;" Hawthorne's "Tanglewood Tales," and "Wonder-Book." Choice selections.

Practice: Daily Drill on Precepts. — Two compositions a week; Daily practice in Reading, Orthography and Penmanship.

Public Speaking and Debating

Course I. Two hours a week, besides special individual instruction.

Exercises: Declamations and readings in prose and verse, followed by criticism by the instructor, a member of the Faculty. The writing and reading of original papers on topics of interest. Reviews of select pieces of standard literature and estimates of character chiefly in classic fiction. Regular debates on questions within the mental range of the debaters. Off-hand speaking in rebuttal of argument, or in the transaction of business. The theory and practice of Parliamentary Law in the regular weekly sessions, and in the extraordinary meetings called for the purpose of making a study of this subject.

Mathematics

Course I. (Humanities). — Four hours a week.
First Term: Plane Geometry, Books I, II, III.
Second Term: Plane and Solid Geometry, Books IV, V, VI, VII.

Course II. (First Academic). — Five hours a week.
First Term: Algebra — Review of Fractions. Fractions to Simultaneous Equations.
Second Term: From Simultaneous Equations through Radical Expressions.

Course III. (Second Academic). — Five hours a week.
First Term: Arithmetic. — Percentage and applications reviewed. Ratio and Proportion. Mensuration.
Second Term: Algebra, to Fractions included.

Course IV. (Third Academic). — Five hours a week.
First Term: Arithmetic. Review of Fractions and Percentage. Drill in the use of the Metric System.
Second Term: Application of Percentage as far as Ratio.

Elementary Science

Course I. (Humanities). — One hour a week.
Physiology: Form and structure of body. Animals and Plants. Digestion and Blood circulation. The Nervous System. The Senses. Hygiene.

Course II. (First Academic). — Two hours a week.
Physical Geography: The Earth, continents, land, water, atmosphere, wind, mountains, plains. The Seasons, Tides, etc.

Course III. (Second Academic). — One hour a week.
Botany: Flowering plants; nature and organs, growth and classification.

Course IV. (Second Academic). — Two hours a week.
Geography: General review in connection with history. Exercises in the use of the atlas, statistics, and references.

Course V. (Third Academic). — One hour a week.
Zoology: Mammals, Birds, Reptiles, Amphibians and Fishes. Insects, Crustaceans and Worms. Mollusks and Radiates.

Course VI. (Third Academic). — Two hours a week.

Geography: Review of essentials of entire geography and applications made to history.

History

Course I. (Humanities). — Two hours a week.

Ancient History. First Term: Origin of the Human Race. Monarchies of the East. The Mission of the Hebrews. The Grecian States. — The Persian Invasion. The Age of Pericles. The Theban War. Alexander the Great. Rome and the Romans. Romulus and the Monarchy. The Roman Republic. The Agrarian Law. The Subjugation of Latium. The Wars with the Samnites and with Pyrrhus.

Second Term: The Punic Wars. The End of Grecian Independence. The Romans in Spain. War with Jugurtha. The Civil Wars in Rome. Caesar's Conquest of Gaul, and his victory over Pompey. The Death of Caesar. Battle of Actium. The Empire of Rome.

Course II. (First Academic). — Three hours a week.

Modern History. First Term: The Crusades. The Kingdom of Jerusalem. Frederick Barbarossa. Richard the Lion-Hearted, Saladin, and Louis IX, of France. Results of the Crusades. Wars between France and England. The Fall of Constantinople. Overthrow of the Moors in Spain. Ferdinand and Isabella. The Discovery of America. The Conquest of Mexico and Peru.

Second Term: Luther and the Reformation. Charles V. and Philip II. England under the Tudors and the Stuarts. The Commonwealth and Oliver Cromwell. France under Louis XIV. The Rise of Prussia. Frederick II. The French Revolution. Napoleon Bonaparte. Revolutions in European States. The Franco-Prussian War. The New German Empire. The Republic of France.

Course III. (Second Academic). — Three hours a week.

Modern History. First Term: From the Foundation of the Roman Empire to the Migration of the Nations: Rise of the Roman Empire. Christianity and its influence on Society. Struggles of the Infant Church. The Empire at its height. The War on Christianity. The Triumph of the Church.

Second Term: Constantine and the Eastern Empire. Ancient German Tribes. Their Invasions of the Roman Provinces. The Huns, Vandals, Visigoths, Ostrogoths, Franks, Lombards. Rise of Mohammedanism. The Papal States. Pepin and Charlemagne. The Normans and their Conquests. The Greek Empire. The Greek Schism. Feudalism.

Course IV. (Third Academic). Three hours a week.

United States History. — A careful review, and co-ordination of essential facts.

Christian Doctrine

Course I. (HUMANITIES). — One hour a week.

Review of matter treated in Course II., III., IV. — Lecture and Discussion. Practical Instructions on the Counsels, the Religious State, Religious Orders. Repetition and the development of the Instructions on Devotion given during the preceding year; fuller explanation of Indulgences; — kinds, conditions, etc.

Course II. (FIRST ACADEMIC). — One hour a week.

Grace. — The Sacraments and Sacramentals.

Course III. (SECOND ACADEMIC). — One hour a week.

The Commandments of God. — The Precepts of the Church. — Sin and Virtue.

Course IV. (THIRD ACADEMIC). — One hour a week.

Faith. — Its object, necessity, qualities. The Apostle's Creed.

Elocution

Course I. (HUMANITIES). — One hour a week.

Vocal Culture. — Repetition of work of preceding years. Power, Stress, Melody, Pitch, Tone, Slides and Waves.

Gesture Drill. — More difficult positions. Complex gestures. Calisthenic exercises. Concert drill. Rendition of Metrical Compositions. Expression of the passions.

Course II. (FIRST ACADEMIC). — One hour a week.

Vocal Culture. — Repetition of work of preceding years. Inflection of words and sentences. Pauses and Cadences. Qualities of voice.

Gesture Drill. — Combinations of simpler gestures and movements. Calisthenic exercises. Concert drill.

Course III. (SECOND ACADEMIC). — One hour a week.

Vocal Culture. — Repetition of work of preceding year. Breathing exercises. Articulation. Pronunciation. Concert drill.

Gesture Drill. — Position and movement. Varieties of Simple Gestures. Calisthenic exercises. Concert drill.

Course IV. (THIRD ACADEMIC). — One hour a week.

Vocal Culture. — Breathing exercises. Articulation, Pronunciation of Vowels and Consonants. Concert drill.

Gesture Drill. — Positions in reading and declamation. Simple gestures. Calisthenic exercises. Concert drill.

Bookkeeping

Course I. (HUMANITIES). — Four hours a week.
Double Entry. Day Book. Journal. Ledger. Cash Book. Sales Book. Trial Balance. Balance Sheet. Checks. Notes. Drafts. Receipts, etc. Business Writing.

Modern Languages

Course I. — German. Three half-hours a week.
Precepts: Syntax completed. Comparison of idioms in English and German.
Practice: Exercises in translation, both oral and written.
Authors: Classic selections at the option of the professor.

Course II. — German. Three half-hours a week.
Precepts: Etymology. Fundamental Rules of Syntax. Idioms.
Practice: Reading exercises, oral and written, in translation.
Authors: Extracts from Grammar. Selections.

Course III. — French. Three half-hours a week.
Precepts: Review of irregular verbs. Syntax completed.
Practice: Oral and written translation.
Authors: Selections at the option of the professor.

Course IV. — French. Three half-hours a week.
Precepts: Etymology to irregular verbs. Easier rules of syntax.
Practice: Reading. Oral and written translation.
Authors: Extracts from Grammar.

Course V. — Spanish. Three half-hours a week.
Precepts: Syntax continued. Study of idioms.
Practice: Reading. Oral and written translation.
Authors: Classic Selections.

Course VI. — Spanish. Three half-hours a week.
Precepts: Etymology. Fundamental Rules of Syntax. Idioms.
Practice: Reading Exercises, oral and written, in translation.
Authors: Extracts from Grammar. Selections.

WEEKLY TIME SCHEDULE

THIRD ACADEMIC

	Hours.
Latin — Course IV	7
English — Course IV	6
Mathematics — Course IV	5
History — Course IV	3
Science — Course V–VI	3
Christian Doctrine — Course IV	1
Elocution — Course IV	1
	26

SECOND ACADEMIC

	Hours.
Latin — Course III	6
Greek — Course III	2½
English — Course III	4½
Mathematics — Course III	5
History — Course III	3
Science — Course III-IV	3
Christian Doctrine Course III	1
Elocution — Course III	1
	26

FIRST ACADEMIC

	Hours.
Latin —Course II	5
Greek — Course II	5
English — Course II	4
Mathematics — Course II	5
History — Course II	3
Science — Course II	2
Christian Doctrine — Course II	1
Elocution — Course II	1
	26

HUMANITIES

	Hours.
Latin — Course I	5
Greek — Course I	5
English — Course I	3
Mathematics — Course I	4
History — Course I	2
Bookkeeping — Course I	4
Science — Course I	1
Christian Doctrine — Course I	1
Elocution — Course I	1
	26

CONTEST IN ELOCUTION

The Gold Medal for the Academy was merited by

FRANCIS C. CORNET.

Next in merit: NORBERT W. HUNICKE, WILLIAM J. TUCKER.

FIRST ACADEMIC CLASS

The Gold Medal for the highest average in the collective branches of the class was merited by

WILLIAM J. LONERGAN.

Division A

First Honors: EDWARD L. TOBIN.

Second Honors: Edward S. Thierry, Joseph A. Desloge, Joseph F. Chartrand, Wolfgang C. Hahn, C. Rowe Sutter.

Special Mention

Edward L. Tobin.....First: Latin, English Precepts, English Composition. Second: History, Mathematics.

Robert U. Bakewell.... .First: History. Second: English Composition.

Edward S. Thierry.....First: Greek. Second: Christian Doctrine, Latin, English Precepts.

Julius T. Flanagan.....First: Christian Doctrine.

Wolfgang C. Hahn.....First: Mathematics.

C. Rowe Sutter.....First: German.

Joseph F. Chartrand.....Second: Greek.

Division B

First Honors: Charles F. Unger, William J. O'Connor, Alphonse E. Eberle, Norbert W. Hunicke.

Second Honors: Joseph W. Stewart, Elmer C. McFadden.

Special Mention

William J. Lonergan.....First: Latin, Greek, Mathematics. Second: Christian Doctrine.

William J. O'Connor.....First: Christian Doctrine. Second: Mathematics, English Precepts, History.

Charles F. Unger.....First: English Precepts. Second: Latin, Greek.

Joseph Peters.....First: English Composition.

Elmer C. McFadden.....First: History.

Thomas A. Grace.....Second: English Composition.

SECOND ACADEMIC CLASS

The Gold Medal for the highest average in the collective branches for the class was merited by

HENRY J. WILLMERING.

Division A

First Honors: EDWARD A. DOWNEY, GEORGE C. RING, ROBERT W. TEMM, WILLIAM J. TRACY, JAMES V. SWIFT, WILLIAM T. BURNS, JAMES R. WHEELER, WILLIS H. MURPHY.

Second Honors: GEORGE H. HALPIN, JOSEPH G. HERCULES, CLARENCE A. SCHIFFERDECKER, HENRY H. SPENCER,

Special Mention

EDWARD A. DOWNEY.....First: Christian Doctrine, English Precepts, English Composition, History. Second: Latin, Greek, Mathematics.

ROBERT W. TEMM.....First: Latin, Greek, Mathematics. Second: English Precepts, History.

JAMES V. SWIFT.....Second: Christian Doctrine, Greek, English.

WILLIAM J. TRACY.....Second: History, English Precepts.

JAMES R. WHEELER.....Second: Composition.

Division B

First Honors: JOHN L. BOLAND, JAMES E. DARST, ROBERT W. FILLMORE, LEO F. KAENTER, JOHN T. MAGUIRE, PAUL P. MAHER, ALEXIS M. SCHWITALLA, B. FRANKLIN THOMAS.

Second Honors: GILMORE G. CLARK, FRANCIS C. CORNET, HENRY L. CORNET, RAYMOND E. GRIESEDIECK, EDWARD G. ELDER.

Special Mention

HENRY J. WILLMERING.....First: Christian Doctrine, Latin, Greek, English Precepts, History, Spanish.

ROBERT FILLMORE.....First: Mathematics.

JAMES E. DARST.....First: English Composition.

ALEXIS M. SCHWITALLA.....Second: Christian Doctrine.

B. FRANKLIN THOMAS.....Second: Latin, English Precepts.

JOHN L. BOLAND.....Second: English Composition, History.

PAUL P. MAHER.....Second: Mathematics.

SECOND ACADEMIC — SPECIAL CLASS

The Gold Medal for the highest average in the collective branches of the class was merited by

THOMAS P. O'MALLEY.

First Honors: ALBERT F. HUBER, HARRY W. KNAPP, ROLLY L. MEYER.

Second Honors: EDWIN W. GRIMMER, JULIUS J. SCHMIDT.

Special Mention

THOMAS P. O'MALLEY.....First: Christian Doctrine, Greek, English Precepts, English Composition, History. Second: Latin, Mathematics.

ALBERT F. HUBER.....First: Latin, Mathematics. Second: Christian Doctrine, Greek, English Precepts.

ROLLY L. MEYER.....Second: English Precepts, English Composition.

JULIUS J. SCHMIDT.....First: German.

GEORGE E. MURRAY.....Second: History.

CHARLES M. BAUMAN.....Second: German.

THIRD ACADEMIC CLASS

The Gold Medal for the highest average in the collective branches of the class was merited by

JOHN F. LILLY.

Division A

First Honors: WILLIAM J. TUCKER, JEAN A. PRIMM, CLAUDE J. BAKEWELL.

Second Honors: WILLIAM K. MORRISON, MATTHEW E. SULLIVAN, THOMAS McC. KNAPP.

Special Mention

JOHN F. LILLY.....First: English Composition, Latin, Arithmetic. Second: History.

WILLIAM J. TUCKER.....First: English Precepts. Second: Latin, English Composition, Arithmetic.

JEAN A. PRIMM.....First: Christian Doctrine, History. Second: English Precepts.

THOMAS McC. KNAPP .....Second: Christian Doctrine.

GERARD B. DONNELLY .....Second: Spanish.

Division B

First Honors: CHARLES ECKERT, JOHN F. WALSH, FRANCIS J. WILD, GEORGE F. MALÉCEK, CLARENCE J. MORARD.

Second Honors: JAMES J. HAGERTY, THEODORE J. WINKELER.

Special Mention

CHARLES ECKERT.....First: Christian Doctrine, History. Second: Latin, English Composition, Mathematics.

GEORGE F. MALÉCEK.....First: Latin, English Composition. Second: German.

FRANCIS J. WILD.....First: Mathematics. Second: History.

CLARENCE J. MORARD.....First: English Precepts.

JOHN F. WALSH.....Second: Christian Doctrine.

JAMES J. HAGERTY.....Second: English Precepts.

REGISTER OF STUDENTS

FIRST ACADEMIC

Division A

Bakewell, Robert U., St. Louis.
Cain, Edward J., St. Louis.
Cates, J. Lamotte, St. Louis.
Chartrand, Joseph F., St. Louis.
Desloge, Joseph A., St. Louis.
Flanagan, Julius F., St. Louis.
Freeman, Arthur J., St. Louis.
Garvey, Sylvester L., St. Louis.
Gorman, Francis, St. Louis.
Griffiths, Charles J., St. Louis.
Gross, Sol. W., Normandy, Mo.
Hahn, Wolfgang C., St. Louis.
Hogan, Daniel W., St. Louis.
Leacock, Robert B., St. Louis.
Moriarty, John J., St. Louis.
Moriarty, Joseph S., St. Louis.
Murray, Meredith B., St. Louis.
Redden, Raymond J., St. Louis.
Reyburn, Thomas, St. Louis.
Sauer, Walter A., St. Louis.
Sutter, C. Rowe, St. Louis.
Thierry, Edward S., St. Louis.
Tobin, Edward L., Ferguson, Mo.
Witte, Herman S., St. Louis.

Division B

Chamberlain, John L., St. Louis.
Dockery, Raymond E., St. Louis.
Dorr, Victor L., St. Louis.
Eberle, Alphonse E., St. Louis.
Farley, Leo. W., St. Louis.
Grace, Andrew T., St. Louis.
Grace, Thomas A., St. Louis.
Grace, William, St. Louis.
Hunicke, Norbert W., St. Louis.
Leber, Edward J., St. Louis.
Leber, Eugene, St. Louis.
Lonergan, William J., St. Louis.
McFadden, Elmer C., St. Louis.
Morrissey, Joseph J., St. Louis.
Mullen, Daniel H., Kirkwood, Mo.
O'Connor, William J., St. Louis.
Peters, Joseph J., Florissant, Mo.
Purcell, Bernard J., St. Louis.
Rathgeber, Christian P., St. Louis.
Stewart, Joseph W., St. Louis.
Sweney, Clarence R., St. Louis.
Unger, Charles F., St. Louis.
Weigle, Henry Du R., St. Louis.

SECOND ACADEMIC

Division A

Boman, Edward F., St. Louis.
Brady, James F., St. Louis.
Burns, William T., St. Louis.
Burst, George O., St. Louis.
Chouteau, Auguste, St. Louis.
Caracocic, Christopher, Athens, Greece.

Division A — *Continued*

Cradick, James P., St. Louis.
Downey, Edward A., St. Louis.
Eisentraudt, Henry F., St. Louis.
Farrelly, John J., St. Louis.
Halpin, George H., St. Louis.
Hartigan, John R., St. Louis.
Hercules, Joseph G., St. Louis.
McFadden, James F., St. Louis.
McNulty, John F., St. Louis.
Moore, Andrew J., St. Louis.
Murphy, Willis H., St. Louis.
O'Reilly, Edward M., St. Louis.
O'Reilly, Thomas A., St. Louis.
Pechmann, Oliver A., St. Louis.
Ring, George C., St. Louis.
Schifferdecker, Clarence A., St. Louis.
Schmitkonz, John J., St. Louis.
Spencer, Henry H., St. Louis.
Swift, James V., St. Louis.
Temm, Edward B., St. Louis.
Temm, Robert W., St. Louis.
Tracy, William J., St. Louis.
Walsh, Newman L., St. Louis.
Wheeler, James R., St. Louis.
Whelan, Richard J., St. Louis.

Division B

Bakewell, Edward L., St. Louis.
Berry, John T., St. Louis.
Boland, John L., St. Louis.
Cornet, Francis C., St. Louis.
Cornet, Henry L., St. Louis.
Clark, Gilmore G., St. Louis.
Darst, James E., Ferguson, Mo.
Darst, Lawrence M., St. Louis.
Elder, Edward G., St. Louis.
Fillmore, Robert W., St. Louis.
Fitzgerald, David J., St. Louis.
Griesedieck, Raymond E., St Louis.
Jacobs, Raymond R., Shreveport, La.
Kaenter, Leo F., St Louis.
Kloecker, August B., St Louis.
Little, Walter F., St. Louis.
Maguire, John F., St. Louis.
Maguire, M. Dougherty, St. Louis.
Maher, Paul P., St. Louis.
Pohl, Bernard H., St. Louis.
Ring, Reginald R., St. Louis.
Roberts, John M., E. St. Louis, Ills.
Schwitalla, Alexis M., St. Louis.
Stanley, Gerald T., St. Louis.
Storm, Lloyd A., St. Louis.
Thomas, Benjamin F., St. Louis.
Willmering, Henry J., St. Louis.

SECOND ACADEMIC — SPECIAL CLASS

Bates, W. Maffitt, St. Louis.
Bauman, Charles M., St. Louis.
Crawford, John J., Verd, Colo.
Cullinane, John P., St. Louis.
Fleege, Francis W., Menominee, Ills.
Forline, Carl M., St. Louis.
Frein, Henry J., Smithton, Ills.
Gentle, Doke, St. Louis.
Gissy, Eugene J., Breese, Ills.
Grimmer, Edwin W., St. Louis.
Huber, Albert F., St. Louis.
Knapp, Henry W., St. Louis.
McMorrow, Joseph M., St. Louis.
Meyer, Rolly L., St. Louis.
Moses, T. Waldron, St. Louis.
Murray, George E., St. Louis.
Norton, Albin L., Troy, Mo.
O'Keeffe, Hugh E., St. Louis.
O'Malley, Thomas P., St. Louis.
Phelan, William J., St. Louis.
Schmidt, Julius J., St. Louis.
Shaw, Allan F., St. Louis.
Stoffel, Remy E., St. Louis.
Sutcliffe, John H., St. Louis.
Walker, Thomas J., St. Louis.
Westen, Adolph J., St. Louis.

THIRD ACADEMIC

Division A

Bakewell, Claude J., St. Louis.
Burdeau, George T., St. Louis.
Blankemeier, Ernst J., Kirkwood, Mo.
Devereux, Leo W., St. Louis.
Donnelly, Gerard B., St. Louis.
Dowling, Patrick J., St. Louis.
Farrell, C. Harvey, St. Louis.
Fowler, Francis E., St. Louis.
Grover, Daniel A., St. Louis.
Halpin, Vincent, St. Louis.
Hatfield, Ermon, Baxter Springs, Kan.
Judge, Sylvester C., St. Louis.
Knapp, Thomas M., St. Louis.
Leiweke, Anthony I., St. Louis.
Lilly, John F., Cape Girardeau, Mo.
Martin, John M., St. Louis.
Morrison, William K., St. Louis.
Moss, George A., St. Louis.
O'Keefe, James C., St. Louis.
Primm, Jean A., St. Louis.
Ramming, Henry, St. Louis.
Richter, Theodore, Florissant, Mo.
Sullivan, Matthew E., St. Louis.
Tucker, William J., St. Louis.
Wolf, William C., St. Louis.

Division B

Albrecht, Edmund C., St. Louis.
Bell, Bent Carr, St. Louis.
Bell, E. Percy, St. Louis.
Coughlin, David J., St. Louis.
Dwan, William W., St. Louis
Eckert, Charles, East St. Louis, Ills.
Ewertowski, John S., St. Louis.
Fox, Thomas, St. Louis.
Ganss, William J., St. Louis.
Geraghty, Daniel, St. Louis.
Goessling, Leo J., St. Louis.
Hagerty, James J., St. Louis.
Heffernan, George F., St. Louis.
Hennerich, Walter E., St. Louis.
Hennessy, George F., St. Louis.
Johnston, Daniel G., St. Louis.
Kennedy, George F., St. Louis.
Kiely, Francis J., St. Louis.
Lang, Ferdinand B., St. Louis.
Malécek, George F., St. Louis.
McMichael, Joseph, St. Louis.
Morard, Clarence J., St. Louis.
Mudd, Francis H., St. Charles, Mo.
Murray, Dolor P., St. Louis.
Omieczynski, Leo S., St. Louis.
O'Neil, Joseph, St. Louis.
Padberg, Eugene L., St. Louis.
Sanguinet, J. O'Neil, St. Louis.
Scott, J. Knight, St. Louis.
Schierman, William G., St. Louis.
Taylor, J. Darby, Pendleton, Mo.
Townsend, George A., St. Louis.
Van Leer, John J., St. Louis.
Walsh, John F., St. Louis.
Wild, Francis J., St. Louis.
Winkeler, Theodore J., St. Louis.
Wojciechowski, Peter J., St. Louis.
Zeibig, Charles H., St. Louis.

SPECIAL LATIN CLASS

Breen, Joseph P.
Burch, Roy A., St. Louis.
Doubek, John C., St. Louis.
Ehnts, Frederick H., St. Louis.
Jarvis, Louis F., Centerville Sta., Ills.
Kelly, I. Dee, St. Louis.
Laflin, Leslie A., St. Louis.
Laury, Robert A., St. Louis.
Larrozola, Joseph M., Las Vegas, N. Mex.
Murphy, Thomas, Morton, Ills.
Oge, Adolph, Fern Ridge, Mo.

III

COMMERCIAL DEPARTMENT

INSTRUCTORS

FRANKLIN J. STANLEY, B. S.,
First and Second Commercial Classes.

REV. GEORGE J. LEAHEY, S. J.,
Physical Geography.

REV. JOHN H. LODENKAMPER, S. J.,
Christian Doctrine.

*HENRY M. KIELY, A. B.,
GILBERT J. BRADY,
Third Commercial Class.

JOHN H. GROLLIG, S. J.,
Christian Doctrine.

GEORGE A. CIBULKA, A. B.,
Fourth Commercial Class.

THOMAS A. HEALY,
Preparatory Class.

EMMANUEL PEYPOCH, S. J.,
Spanish.

THE COMMERCIAL DEPARTMENT

Branches of Study

For the accommodation of those who have not the time nor the inclination to take up the academy course, an English and business course has been established. On the satisfactory completion of this course, certificates are issued testifying to the attainments of the holders. As the graduates of this course re-

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* Died Dec. 30, 1903.

ceive a good business training, it is not surprising to find that many of them become successful in mercantile pursuits.

The Commercial students are drilled in English Rhetoric and in the study of the standard authors. Daily practice is given in the various forms of letter-writing. Algebra is one of the obligatory branches, and close attention is given to the application of Arithmetic to business transactions. Modern methods are followed in the bookkeeping department and all are put through a course in commercial law. The Pitman method of stenography is taught, as it is recognized to be the most satisfactory both for professional and business purposes. Daily practice is afforded to all in type-writing and in business writing. A course of Modern History, extending over two years is an essential part of the course, and all receive a weekly drill in elocution. A course in French, German or Commercial Spanish is open to all.

FIRST COMMERCIAL CLASS

Honorary certificates for the completion of the Commercial Course were awarded to:

HENRY M. BOHN,
J. MORRIN BRENNAN,
HARRY F. SCHOLLMEYER,
ANDREW C. TAYLOR,
JOSEPH L. TECKENBROCK,
L. WALTER WEIR.

The Gold Medal for the highest average in the collective branches of the class was merited by:

ANDREW C. TAYLOR.

SECOND COMMERCIAL CLASS

First Honors: THOMAS X. MORRIS.
Second Honors: RICHARD L. MURRAY, FRANCIS M. HANLEY.

Special Mention

THOMAS X. MORRIS.....First: Christian Doctrine, English Composition, Commercial Law, Stenography, Bookkeeping, History. Second: English Precepts.

RICHARD L. MURRAY.....First: English Precepts. Second: English Composition, Typewriting, History.

JEROME A. BULTE.....First: Arithmetic. Second: Bookkeeping.

ALEXIS GORMAN.....First: Penmanship. Second: Commercial Law.

GEORGE K. HOPKINS.....First: Typewriting.

FRANCIS M. HANLEY.....Second: Christian Doctrine, Arithmetic.

ROBERT F. GREVE.....Second: Stenography.

WILLIAM L. LINDSAY.....Second: Penmanship.

THIRD COMMERCIAL CLASS

First Honors: GEORGE A. MILLER, CHARLES J. BAKER, JOSEPH POHRER, POWELL W. CHAMBERS, HENRY J. HECKEMEYER.

Second Honors: FRANCIS X. WILHELM, ERNST C. MOERSCHEL.

Special Mention

GEORGE A. MILLER.....First: Christian Doctrine, English Composition, Arithmetic, Bookkeeping, Penmanship.

CHARLES J. BAKER.....First: English Precepts, History. Second: Christian Doctrine, English Composition, Arithmetic, Bookkeeping.

GEORGE J. RYAN.....First: Penmanship.

PETER BAKER.....Second: English Composition.

LAURENCE W. HORAN .....Second: English Composition.
ERNST C. MOERSCHEL.....Second: History.

FOURTH COMMERCIAL CLASS

First Honors: JOHN H. DAVID, ALOYSIUS J. HUNLETH.
Second Honors: GEORGE F. WYATT.

Special Mention

JOHN H. DAVID.....First: Christian Doctrine, English Precepts, English Composition, History, Arithmetic. Second: Penmanship.

ALOYSIUS J. HUNLETH. First: Penmanship. Second: Christian Doctrine, History, Arithmetic, English Precepts, English Composition.

PREPARATORY CLASS

First Honors: THOMAS S. BOWDERN, EDWARD R. MARTIN, EDGAR A. BARRY, LEO A. MAGINN, ALFRED A. CASEY, EDWIN F. WHELAN, JOHN R. IDOUX.

Second Honors: FRANCIS D. SULLIVAN, EDWARD DE L. BAKEWELL, OCTAVIUS L. LUMAGHI, JOHN J. WICKHAM, GEORGE F. MORGAN, FRANCIS BRANDENBURG, THOMAS J. KINSELLA, FRANCIS J. DENVIR.

Special Mention

THOMAS S. BOWDERN.....First: Christian Doctrine, English Precepts, English Composition, History. Second: Arithmetic.

EDWARD R. MARTIN.....First: Arithmetic. Second: Christian Doctrine.

JOHN R. IDOUX.....First: Arithmetic.
EDWIN F. WHELAN.....First: Penmanship.

EDGAR A. BARRY.....Second: English Precepts, English Composition, History.

LEO A. MAGINN.....Second: Penmanship.

REGISTER OF STUDENTS

FIRST COMMERCIAL CLASS

Bohn, Henry M., St Louis.
Brennan, J. Morrin, St. Louis.
Gorman, Alexis, St. Louis.
Pensa, Charles A., St. Louis.
Schollmeyer, Harry F., St. Louis.
Taylor, Andrew C., St. Louis.
Teckenbrock, Joseph L., St. Louis.
Tracy, Nelson, St. Louis.
Weir, L. Walter, St. Louis.
*Withnell, John, St. Louis.

SECOND COMMERCIAL CLASS

Bulte, Jerome A., St. Louis.
Collier, George B., St. Louis.
Fendler, Christopher J., St. Louis.
Greve, Robert F., St. Louis.
Hanley, Francis M., St. Louis.
Hopkins, George K., St. Louis.
Horsfall, Homer R., St. Louis.
Kiely, Robert M., St. Louis.
Kilcullin, James J., St. Louis.
Lindsay, William L., St. Louis.
Miller, William J., St. Louis.
Morris, Thomas J., St. Louis.
Murray, Richard L., St. Louis.
O'Flynn, Gerald V., St. Louis.

THIRD COMMERCIAL CLASS

Baker, Charles J., St. Louis.
Baker, Peter, St. Louis.
Bakula, Francis J., St. Louis.
Chambers, Powell W., St. Louis.
Collins, Sidney H., St. Louis.
Croak, Francis J., St. Louis.
Corcoran, William J., St. Louis.
Darst, Joseph M., St. Louis.
Dunphy, John R., St. Louis.
Feager, Orlando W., St. Louis.
Gebhardt, John P., St. Louis.
Heckemeyer, Henry J., St. Louis.
Horan, Lawrence W., St. Louis.
Miller, George A., St. Louis.
Moerschel, Ernst C., St. Louis.
Papin, Courtland W., St. Louis.
Pohrer, Joseph P., St. Louis.
Ryan, George J., St. Louis.
Wilhelm, Francis H., St. Louis.
Wilkins, J. Benton, St. Louis.
Wise, Peter S., Alton, Ills.
Woodlock, Francis V., St. Louis.

FOURTH COMMERCIAL CLASS

Beecher, Daniel A., St. Louis.
Beecher, Samuel L., St. Louis.
Bingle, Jules F., St. Louis.
Brady, Thomas J., St. Louis.
Connors, John L., St. Louis.
David, John H., St. Louis.
Donovan, Norbert J., St. Louis.
Farrell, Leo J., St. Louis.
Hannauer, Ernst M., St. Louis.
Hunleth, Aloysius J., St. Louis.

* Died Oct. 22, 1903.

Kupferer, Adolph L., St. Louis.
Madden, James J., St. Louis.
McCabe, David F., St. Louis.
Morard, Harry J., St. Louis.
Pelligreen, Clarence J., St. Louis.
Pickel, Ervin A., St. Louis.
Plunkett, Turner C., St. Louis.
Quinlivan, Edgar L., St. Louis.
Schaller, August J., St. Louis.
Schmitt, Julius F., St. Louis.
Sheridan, Joseph J., St. Louis.
Stegmann, Herman F., St. Louis.
Truemper, Louis J., St. Louis.
Ward, J. Harry, St. Louis.
Ward, Thomas J., St. Louis.
Whitaker, Curtis E., St. Louis.
Wyatt, George F., E. St. Louis, Ills.

PREPARATORY CLASS

Bakewell, Edward De L., St. Louis.
Barry, Edgar A., St. Louis.
Benoist, Eugene C., St. Louis.
Bland, Walter D., St. Louis.
Bowdern, Thomas S., St. Louis.
Brandenburg, Francis, St. Louis.
Cafferata, Francis J., St. Louis.
Caracocic, George, Athens, Greece.
Carton, William J., St. Louis.
Casey, Alfred A., St. Louis.
Caufield, Thomas E., St. Louis.
Courson, Melville, St. Louis.
Cummings, Charles, St. Louis.
Denvir, Francis J., St. Louis.
Dorr, Oliver W., St. Louis.
Elliott, John H., St. Louis.
Farrell, Doddridge, St. Louis.
Farrell, James A., St. Louis.
Gill, John J., St. Louis.
Hagerty, John F., St. Louis.
Hurst, Harvey, St. Louis.
Idoux, John R., E. St. Louis, Ills.
Jost, George, St. Louis.
Kinsella, Thomas J., St. Louis.
Koster, Joseph A., St. Louis.
Lechner, Hilary J., St. Louis.
Lumaghi, Octavius L., St. Louis.
Maginn, Bernard, St. Louis.
Maginn, Leo A., St. Louis.
Martin, Edward R.., Normandy, Mo.
McGoff, John S., St. Louis.
Morgan, George F., St. Louis.
Morgan, William, St. Louis.
Saez, Roman, Lerda, Mex.
Scheele, Henry A., St. Louis.
Simon, Anton C., St. Louis.
Sullivan, Francis D., St. Louis.
Steinhoff, Joseph A., St. Louis.
Volmer, Francis, St. Louis.
Whelan, Edwin F., St. Louis.
Whyte, Joseph P., St. Louis.
Wickham, John J., St. Louis.

IV

MILITARY DEPARTMENT

OFFICERS

WILLIAM A. PADBERG, S. J.,
Director.

JOHN H. CALEF, Col., U. S. A.
Professor of Military Science and Tactics, Commandant of Cadets.

REMARKS

Besides the very useful science acquired in this department, its military drill promotes the physical development of the students, their propriety of bearing, and the acquisition of habits of order, precision and obedience. As cadets show capacity they are advanced in rank; and the authority and responsibility connected with cadet rank are regarded as very valuable in developing both mind and character. The promotion is gradual, that the sense of responsibility may keep pace with the authority.

ENROLLMENT

The cadets enrolled in the battalion contract no obligation to be called upon for military service, either by the State or general government. Military drill is obligatory on all the students of the highest class of the Academy and of the first three years of the College, and upon the students of the First and Second Commercial Classes; nor shall any exemption be granted unless for a reason which shall be considered sufficient by the physician in attendance at the University or by the officer commanding. Military drill is optional for all other students; and admission into the Cadet Battalion will be granted to those who receive the written consent of parents or guardians. The enrollment of a student as a cadet must be for a term of at least two years, supposing that he remains at the University; as otherwise the full advantages of the training would not be secured.

SUPPLIES AND EXPENSES

The government supplies the arms and accoutrements, and the University furnishes the musical instruments and meets the other incidental

expenses, but each cadet must procure his own uniform. This is of a style to serve at all times as an ordinary dress suit, and ranges in price from $15.00 upwards.

INSPECTION

The Military Department and the Battalion of Cadets are inspected annually near the end of the scholastic year, by an officer detailed for that purpose from the Inspector General's Department of the U. S. Army. The result is reported to the Inspector General in Washington.

The Commandant of Cadets is required to report annually to the Adjutant-General of the U. S. Army at Washington, and to the Adjutant-General of the State the names of the three most distinguished cadets. These names are published in the next ensuing U. S. Army Register.

PRIZES

To promote a healthy rivalry between organizations, Mr. W. S. Clarke of Chicago donated a handsome gold medal to be competed for annually by the several companies, the winner to hold it until the next competition. Gold medals, which become the property of the winners, are also provided for individual competition among Cadets having a certain proficiency record.

DISCIPLINE

Each cadet receives in the beginning of the term a credit of 1,000 points. During the year this score is reduced as follows: —

For each absence from drill without excuse	40 points.
For each absence from drill with excuse	20 points.
For each assignment to "extra tours"	30 points.
For each tardiness, unexcused	20 points.
For each tardiness, excused	10 points.
For appearing without uniform, not excused	30 points.
For appearing in partial uniform, not excused,	10 or 20 points.

Cadets are selected for "extra tours" by the cadet officer of the day for (1) disorder in the ranks; (2) inattention; (3) disobedience or disrespect to cadet officers.

COURSE OF INSTRUCTION

Practical instruction in School of the Soldier; Calisthenic exercises; School of the Company; School of the Battalion (Infantry); Extended order; Ceremonies.

Theoretical instruction in U. S. Drill Regulations, Ceremonies, Minor Tactics, Army Organization, etc.

ST. LOUIS UNIVERSITY CADET BATTALION

WILLIAM A. MURPHY,
Major.

First Lieutenant, LAWRENCE V. CARTAN, Adjutant.
FREDERICK VAN BLARCOM, Sergeant-Major.
JOSEPH HENNERICH, Color Sergeant.
G. PRATHER KNAPP, Quartermaster.

Company A

Captain, LAWRENCE B. BITZ.
First Lieutenant, ANDREW F. DREW.
Second Lieutenant, FRANCIS C. UNGER.
First Sergeant, EDWARD P. PECHMANN.
Sergeant, L. CURTIS TIERNAN.
Sergeant, ALPHONSE E. GANAHL.
Sergeant, MEREDITH B. MURRAY.
Sergeant, J. JOSEPH SCHLAFLY.

Corporals: MATTHEW F. MCMORROW, OTTO A. HENNERICH, ALPHONSE J. RAEMDONCK, MICHAEL J. DOWLING, LEO D. MCCARTHY.

Company B

Captain, FREDERICK J. TOBIN.
First Lieutenant, PAUL A. SCHLAFLY.
Second Lieutenant, E. CLIFTON LITTLE.
First Sergeant, PAUL D. MORIARTY.
Sergeant, LOUIS P. DESJARDINS.
Sergeant, J. EDWARD CORBETT.
Sergeant, GERVAIS P. GAIENNIE.

Corporals: W. PERCY HAYES, WILLIAM L. LINDSAY, CHRISTOPHER P. RATHGEBER, THOMAS F. PECHAN, CHARLES M. SANDOVAL.

Drum and Bugle Corps

Sergeants: G. VALLE BAIN, BRYAN M. TAYLOR.

Competitive Prize Drills

THE CLARKE MILITARY TROPHY FOR THE BEST SQUAD DRILL

was awarded to the following squad of Company A —

Captain: Lawrence B. Bitz.
Sergeant: L. C. Tiernan.
Corporal: O. A. Hennerich.
Privates: R. A. Kinsella, W. J. Lucas, J. A. Idoux, H. T. Knapp, J. X. Keefe, J. J. Lonergan, E. C. McFadden, C.W. Eckert.

Judges: Capt. Claude W. Gignoux, 1st Reg. Nat. Guard Mo.; Major Albert A. Marquardt, 1st Reg. Nat. Guard Mo., Ret.; Lieut. Edward J. Walsh, 1st Reg. Nat. Guard Mo.

THE GOLD MEDALS FOR EXCELLENCE IN THE INDIVIDUAL DRILLS

were awarded to

Harry Schollmeyer, Co. A., and James J. Lonergan, Co. B.

Judges: Major G. H. Gale, Inspector General U. S. A., Northern Division; Col. J. H. Calef, U. S. A.; Cadet Major W. A. Murphy.

Efficiency Roll

The following cadets have been reported to the Adjutant-General, U. S. Army, and to the Adjutant-General of the State of Missouri, as the three most distinguished of the Graduating Class in Military Science and Tactics:—

Major William A. Murphy.
Adjutant Lawrence V. Cartan.
Captain Lawrence B. Bitz.

The following cadets have for the entire year an efficiency record above 85 per cent:—

Serg. L. Desjardins.....	1000	Cadet T. W. Morris.....	980
Corp. M. Dowling.....	1000	Capt. F. J. Tobin.....	960
Cadet J. J. Lonergan.....	1000	Cadet E. C. McFadden.....	960
Cadet J. C. Tobin.....	1000	Cadet J. J. Margold.....	960
Major W. A. Murphy.....	980	Serg. G. P. Gaiennie.....	940
Cadet S. L. Garvy.....	980	Corp. C. M. Sandoval.....	940

Cadet R. D. Hahn	940	Cadet M. J. Gross	900
Cadet W. J. Dean	940	Cadet F. M. Hanley	900
Cadet W. J. Lucas	940	Corp. M. McMorrow	880
Cadet M. J. Desloge	930	Cadet D. M. McMorrow	880
Cadet J. Matoushek	930	Cadet D. M. Farrelly	880
Cadet J. J. Keefe	930	Cadet J. Idoux	880
Corp. T. F. Pechan	920	Corp. M. B. Murray	860
2d Lieut. F. J. Unger	920	Serg. P. D. Moriarty	860
Serg. J. J. Schlafly	920	Cadet F. J. Livingstone	860
Cadet H. Schollmeyer	920	Cadet W. J. Tracy	860
Cadet B. J. Maginn	920	Cadet H. Bohn	860
Cadet F. J. Cafferata	920	Cadet W. J. Phelan	860
Serg.-Maj. F. VanBlarcom	900	Cadet W. J. Grace	860
1st Lieut. L. V. Cartan	900	Cadet H. T. Knapp	860
Corp. J. H. Schulte	900	Cadet C. J. Eckert	860

V

ST. STANISLAUS NORMAL SCHOOL, FLORISSANT, MISSOURI

NORMAL DEPARTMENT OF THE ST. LOUIS UNIVERSITY

This department of the University does the normal work in the languages, Latin, Greek and English, and also in History and Elocution. The course embraces two years, Senior and Junior, the students having completed their preliminary studies chiefly in the seven Jesuit Colleges of the Missouri Province. The course embraces, by way of repetition and advance work, the matter of the four college years. From this normal course, after examination, the students pass to the school of philosophy and science, where the normal work in mathematics and the natural sciences is done. There are sixty-one students, and all are members of the Society of Jesus.

OFFICERS OF THE GOVERNING FACULTY

REV. F. P. HAGEMANN, S. J.,
President.

REV. CHARLES B. MOULINIER, S. J.,
Dean.

REV. HERMAN MEINERS, S. J.,
Secretary.

FACULTY

REV. CHARLES B. MOULINIER, S. J.,
Professor of Latin and English of Senior Year, Lecturer on Theoretical and Practical Pedagogy.

REV. A. JOSEPH GARVY, S. J.,
Professor of Greek and Elocution.

REV. EDWARD S. BERGIN, S. J.,
Professor of Latin and English of Junior Year.

REV. JAMES T. FINN, S. J.,
Professor of Latin and Greek Syntax.

SCHOOL OF PHILOSOPHY AND SCIENCE

SCHEDULE OF LECTURES

A. M.	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.
8:50	Logic — 1st Term. Ontology — 2nd Term.	Physics.	
9:50	Mathematics.		Metaphysics.
10:40		Metaphysics.	
10:50			Mathematics — M. T. W. Geology — F. Astronomy — S.
10:50	Greek Acad. — Sun. Oratorical Acad. — Sun.	Greek Academy — Sun. Oratorical Academy — Sun.	Greek Academy — Sun. Oratorical Academy — Sun.
P. M.			
3:00	Mathematics. — T. Logic or Ontology. — M. W. F. S.	Physics — T. S. Chemistry — M. W. F.	Seminar, Metaphysics — M. W. Seminar, Ethics — T. F.
5:30	Seminar, Log. or Ontol.	Seminar, Metaph. — M. W. Repetition Phys. — T. Chem. F.	Ethics.

VI

SCHOOL OF PHILOSOPHY AND SCIENCE

FACULTY

REV. W. BANKS ROGERS, S. J.,
Rector.

REV. JAMES J. SULLIVAN, S J.,
Dean of the Faculty.

REV. MATTHEW McMENAMY, S. J.,
Lecturer on Special Metaphysics and Psychology.

REV. JAMES J. CONWAY, S. J.,
Lecturer on Ethics and Political Economy.

REV. BERNARD J. OTTEN, S. J.,
Lecturer on Special Metaphysics and Cosmology.

REV. ALOYSIUS J. ROTHER, S. J.,
Lecturer on Logic and Ontology.

REV. HENRY J. DeLAAK, S. J.,
Lecturer on Mechanics and Physics.

REV. CHARLES J. BORGMEYER, S. J.,
Lecturer on Chemistry, Geology and Mathematics.

REMARKS

The course in Rational Philosophy and Ethics extends over three years. The Latin language and the strict scholastic method are used, as they insure a better mental training and greater accuracy of thought. At regular intervals there are public disputations as an incentive to thoroughness and an aid to the acquisition of self-reliance. The examinations are oral; and students are expected to be able to expound and defend their theses before a board of at least four examiners.

The Scientific course, embracing Mechanics, Physics, Chemistry, Geology, Astronomy and Higher Mathematics, is coincident with the Philosophical course, as indicated below. Every facility is offered for thorough laboratory work and for original investigation.

I. Course in Philosophy

FIRST YEAR

Logic and Ontology

Lecturer, Rev. Aloysius J. Rother, S. J., nine lectures a week. Seminar, four hours a week.

Minor Logic

Definition and division of Philosophy. The province of Logic, formal and material. Three acts of the mind.

Simple Apprehension: Classification of ideas. Subordination of genera. The heads of predicables. Classification and use of terms Definition. Nominal definition. Real definition. Rules for definition. Division.

Judgment. Propositions, their nature and division. Opposition, conversion and equivalence of propositions.

Reasoning: Syllogism and its laws. Figures and modes of the syllogism. Various kinds of syllogisms. Demonstration. Induction. Example and analogy. Analysis and synthesis. Fallacies. Science.

Major Logic

Truth: — Definition of truth. Truth completely possessed in judgment only. Logical falsity. No false ideas. Judgments may be false.

Certitude: Nature of certitude in general. Ignorance, doubt, suspicion, opinion, probability. Metaphysical, physical and moral certitude. Natural and philosophic certitude. Universal skepticism. Methodic doubt. The primary principle, fact and condition of all knowledge.

Sources of certain cognition: Consciousness. The senses. Ideas. Objectivity of ideas. Criticism of Kant's synthetic judgments 'a priori.' Intellect. Reason. Memory. Human testimony and belief.

Universals: Nominalism. Conceptualism. Ultra-Realism. True doctrine on Universals, as explained by St. Thomas.

Criterion of truth. Blind impulse to believe. Sentimentalism. Traditionalism. Objective evidence.

Ontology

Being: The concept of being. Being neither a generic nor a universal notion. Analogousness of being. Essence and existence. Possibility, internal and external. The possible precedes the actual. Internal

possibility does not depend on God's will nor His omnipotence. Is not independent of God. Depends on His essence and intelligence.

Attributes of Being: Unity. Individuality, identical with concrete nature. Identity and distinction. Truth of being. Goodness of being. How and why every being is good. Evil in being a privation.

Notions next in point of generality to transcendental being: Substance. The reality of substance defined. False definitions of Locke, Spinoza, and Leibnitz. Accident, absolute and modal. Accidents really distinct from their substance. Accidents existing without substance. Substance as hypostasis and personality. Wrong and dangerous doctrine of Locke in regard to personality. Relation. Causality. Kinds of causality. Principle of causality.

The perfection of being: Simple and compound being. Necessary and contingent being. Finite and infinite being. Order and beauty.

SECOND YEAR

Cosmology and Minor Psychology

Lecturer, Rev. Bernard J. Otten, S. J. Five lectures a week. Seminar, three hours a week.

Cosmology

Origin of the World: Pantheistic Theories, Ancient and Modern: Materialistic Views: Philosophy of the Absolute.

Creation: Nature of the Creative act: Possibility of Creation. Fact of the World's Creation in time. God the Creator of the Universe.

World Formation: Days of Creation. Kant-Laplace system. Mosaic Narrative. Geological Formation; Vulcanism, Neptunism. Age of the world; Unity, Order, Perfection.

Laws of Nature: The Correlation of Forces. Occult Powers, Animal Magnetism, Spiritism, Hypnotism. Contingency of Physical Laws. Nature and Possibility of Miracles; Cognoscibility.

Inorganic Bodies: Nature, Essence, Substance. Schools of Atomism (1) Greeks: Leucippus, Democritus, Epicurus; (2) Latin: Leucretius; (3) Moderns: Gassendi, Bacon, DesCartes, Newton. Leibnitz. Boscovich, Kant. Chemical Atomism. Vortex Theory.

Theory of Matter and Form: Historic Stages of Peripateticism. Conversion of Substances, Matter and Form. Nature and existence of Primal Matter. Thomist and Suaresian concept of Primal Matter. Attributes. The Nature, Properties and Division of the Substantial Form; its Eduction from the Potentiality of Matter. Principle of

Privation. Union between Matter and Form. The Compound. Permanence of the Previous Elements.

Properties of Inorganic Bodies: Nature and Division of Quantity. Its Distinction from Substance. Theories of its Formal Effect. Doctrine of the Continuous. Local Extension and Circumscription. Impenetrability. Indivisible in Surfaces, Lines, Points. Activity of Bodies. Reality and Basis of Corporeal Forces. Ponderable, Imponderable Matter. Qualities of Bodies. Vibratory Motion.

Time: — Duration. Eternity, Aeviternity, Succession in Duration. Definitions of Time; Aristotle, DesCartes, Kant, Balmes. Philosophical Divisions of Time; Its Objective Reality; Ultimate Measure; Presence. The Instant. Inception and Cessation of Beings in Time. Modes of Temporal Existence.

Space. The meaning. Internal and External Place. Place and Space. Concept and Classifications of Space. Absolute Space. DesCartes, Kant, Newton. Objective Reality. Ubication of Bodies. Vacuum. Circumscriptive, Definitive, and Mixed Existence of Bodies in Space. Compenetration and Replication.

Biology

Definitions of Life: Animate, Inanimate Nature. Dual theory of Life; its Concepts; (1) Ancients: Plato, Aristotle, the Stoics. (2) Scholastics: Albert the Great. St. Thomas, Suarez. (3) Moderns: Stahl, Bichat, Cuvier, Wundt, Darwin, Haeckel.

Nature: Substantial and accidental. Life Force and Life. Immanency of Vital Actions.

Divisions: Vegetative, Sensitive and Intellectual Life. Nature and Scope of each.

Origin: — Vitality of Matter — Cell Theory. Protoplasm. Organicism Biogenesis. Spontaneous Generation. God and the Origin of life.

Principle: Existence of Soul; its Nature: Substantiality of the Soul; Substantial Form of the body; Unicity of the Soul.

Vital Functions: Absorption and Assimilation. Movements. Respiration. Influence of Light, Temperature, Place. Physical and Mechanical Properties. Growth. Decay. Death. Reproduction.

Organic Elements. Morphological Development. Cells. Protoplasm. Tissues. Shapes. Differentiation of Organs. Distinction of Vital Faculties. Soul Faculties. Sources of Vital Potencies. Organography.

Natural Psychology

Plant Soul: Its existence; Substantial Form of the Plant; Its Unicity, Dependence on Matter. Essential Distinction from Physical, Chemical and Mechanical Forces of Inorganic Matter.

Plant Structure: Vegetable Histology, Plant Tissues, Tissue Systems. Organography of Plants; Organs of Vegetation, the Root. Stem, Leaf, Organs of Reproduction, Flower-Structure, Stamens, Pistil, Fruit, Seed. Principles of Vegetable Classification.

Plant Activity: Processes in Nutrition: Absorption, Circulation, Transpiration, Respiration, Assimilation. Secretion, Immanent character of the Nutritive Activity. Plant Food. Causes of Nutrition. Growth and Nutrition. Processes of Generation: Aestivation, Fecundation. Fructification, Dissemination. Necrogenesis. Xenogenesis. Scissiparity. Oviparity. Scholastic Theory.

The Brute Soul: Essential Distinction between Plants and Animals. Sensibility. Intrinsic Dependence of Brute Soul on the Body; Mortality; Simplicity. Homogeneity, Unicity. Union of Body and Soul in Animals.

Organic Formation of Animals: General Form. The Skin and Appendages. The Skeleton, the Head and Trunk; Limbs, Muscular and Alimentary Systems. Organs of Circulation. Respiration, Secretion, Nervous System. Organs of Sense.

Functions: Nutrition, Growth, Generation, Animal Heat. Hunger and Thirst. Animal Spirits. Animals not Automata. Feeling, a True Cognition. Sensation and Organic Faculty. Brutes not Intelligent. Instinct. Sensitive Appetite. Locomotive Powers.

Classification of Animals: Aristotle. Principles of Linnaeus. Lamark. Cuvier, Blainville, Milne Edwards.

Origin of Species: Spontaneous Generation. Spencerian Evolution. Transformism. Haeckel. Darwin. Principles of Darwinism.

Nature and Kinds of Sensation: Psycho-Physics. Weber-Fechner Law. Psychometry. Sensation and Nerve Vibration. Scholastic Doctrines. Localization of Sensation. Objects of Sense Preception.

Organs of Sensation: The Nervous System. The Brain, Eye, Ear, Nose, Palate, Tongue, Skin. Philosophy of Sight, Hearing, Smell, Taste, Touch. Other Modes of Sensuous Consciousness, Organic Sensations, the Vital Sense, Sense of Temperature, Muscular Sensations. Law of Relativity. Internal Senses. Imagination, Memory. Sleep, Dreams.

Activity: Appetite. Movement: Automatic, Reflex, Impulsive. Pleasure and Pain.

THIRD YEAR

Psychology and Natural Theology

Lecturer, Rev. MATTHEW MCMENAMY, S. J., four lectures a week. Seminar, three hours a week.

Psychology

Psychology. Rational Life. Intellect and Sense.

Erroneous Views: Sensationalists, Associationists, Materialists, Positivists, Empiricists, Evolutionists. Doctrine of Descartes, Kant, Locke, Condillac, Balmes.

Correct View: Man has an intellect, a faculty essentially different from Sense. A simple and spiritual faculty. Brutes have no reasoning power.

The Intellect: Its objects, primary and secondary. Its acts, simple apprehension, judgment and reason.

The origin of Ideas.

Erroneous Opinions: Theory of innate ideas, Plato, Descartes, Leibnitz, Rosmini, Cousin, Fichte, Hegel, Kant. Theory of the Ontologists. Malebranche, Gioberti, Ubagh. Theory of Traditionalists, DeBonald, Bonnetti, Ventura.

Correct View: Scholastic Aristotelian Theory.

Judgment and Reasoning: Judgment defined, Analysis of Judicial process, Assent and Consent. Reasoning defined, Analysis of Ratiocination, Deduction and Induction, Implicit reasoning.

The Will. Its existence in man. Essentially different from the sensitive appetite. Its motive, etc.

Object. Spontaneous volition. Deliberation. Necessary and free acts.

The nature of a Free Act. Determinism. The Will is free. Argument from Consciousness; from the consent of Mankind.

The Human Soul. Its substantiality, Identity, Simplicity, Spirituality. The only principle of life in man.

Materialism, Vitalism, Animism, Organism.

Union of Soul and Body: One Nature and one Person. Aristotelico-Scholastic Doctrine.

Doctrine of Plato, Malebranche, Leibnitz, Locke, Rosmini.

Locus of the Soul: Soul present throughout the body. Origin of the Soul. Traducianism. Creation. Time of its origin. Scholastic Doctrine.

Immortality of the Soul: Teleological and Ethical argument. Argument from universal belief.

Natural Theology

The Existence of God: Views of the Monotheistic Philosophers on the natural foundation of a reasonable belief in God. Refutation of so-called Ontological argument. St. Anselm's argument.

Proofs for the existence of an Intelligent First Cause or Personal God. The metaphysical, physical and moral *a posteriori* arguments.

The Essence of God. His Attributes: Infinity, Unicity, Simplicity, Immutability, Eternity, Invisibility, Incomprehensibility.

Cognition of God. — Its objects, primary and secondary. His cognition of the Possibles, of necessary and free future acts, of the Futurables.

The Will of God. — Its object, primary and secondary. Necessary and free objects. His Will, the principle of Creation. The Creative Power can in no sense be shared by Creatures.

Divine Preservation and Concurrence. Divine Providence and its relation to existing evil. Scholastic differences as to the manner in which God concurs with creatures.

Ethics

Lecturer, Rev. James J. Conway, S. J., four lectures a week.
Seminar, three hours a week.

General Ethics

Ultimate End of Human Activity: Innate desire of happiness; its value in proving the existence and conditions of a future life. In the purely natural order the ultimate end of human life, perfect natural happiness, consisting necessarily in a relatively perfect knowledge and love of God in the life to come. Supreme purpose of the present life, to shape conduct according to the exigencies of the higher destiny towards which man is tending.

Human Activity. Man, like every other being, attains to his end by acting conformably to his specific nature. A study of human activity. Human acts voluntarily. Voluntary acts, considered in their physical nature, require an act of the will guided by a knowledge of the end for which the act is performed. They are modified or nullified by ignorance and passion. Voluntary acts studied in their moral nature. What acts can be called strictly moral acts. Essence of morality. Intrinsic difference between good and evil. Rule of morality and sources from which moral good and evil are derived.

The Law of Nature. In addition to the faculty of knowing right from wrong, man understands clearly that he is obliged to do the one and to avoid the other. General notions of law. There is a law existing in the mind of God from eternity. Through creation this eternal law is promulgated in man's rational nature. Proofs of the existence of a natural law, its scope and its properties. Relation of positive law to the law of nature. Analysis of the idea of obligation.

Rights. Man by reason of his social nature needs protection in the exercise of his liberty. Rights as distinguished from physical force. There are rights granted by nature which are valid independent of all positive legislation. The judicial order is not separate from the moral. The relation of man to the lower animals — vivisection.

Applied Ethics

Duties. Duties of man towards God. Duties of man towards himself, (a) towards his body, (b) his soul, (c) external things. Duties of men towards each other.

The lie intrinsically evil and in all cases prohibited. Man may defend his life to the extent of destroying the life of an unjust aggressor, if the proper conditions be verified. Under the law of nature every man has a right to his honor and good name — this right, however, cannot be defended by acts of external violence; consequently the duel is prohibited by the law of nature.

The right of property. Various forms of socialism. Socialism not a remedy for existing social and economic difficulties. The right of acquiring and holding private possessions, a natural one.

Social Ethics

Social Ethics. Man by nature a social being. This social tendency develops first in domestic society. The nature and necessity, the end, obligation, unity, indissolubility of matrimony. Duties of parents and children in the family. The social instinct in man further develops itself in civil society.

Civil Society. Origin and efficient cause. Origin of authority. End of civil society; false opinions. Rights and duties belonging to civil authority — Its supervision over morality, over religion in the natural order. Relation between church and state. Right of the state in the matter of education. Education a parental right primarily. Relation of public authority to economic and social questions. Various ways by which political power may be transmitted; heredity, election, victory, prescription.

Forms of government. Their division, advantages and defects. That form best which seems most adapted to the character of the governed.

Functions of authority. Legislative power, its necessity and scope. Executive power. Its duties in foreign representation, in procuring peace and security at home, in advancing morality, the arts and sciences.

Judiciary power; its necessity, its rights in civil and criminal cases. Capital punishment.

International relations. Treaties. War.

II. Course in Science

SECOND YEAR

Physics and Mechanics

Lecturer, Rev. Henry J. DeLaak, S. J., seven lectures a week.

Demonstrations by students, two hours a week.

First Year. Five hours a week. Thorough review of Algebra, Plane and Spherical Geometry. Plane and Spherical Trigonometry.

Second Year. General Physics, including Mechanics. 7 lectures a week. Demonstrations by students, twice a week. Occasional public experimental lectures by students. Practice ad libitum.

Mechanics: Elements of theoretical Mechanics. Systems of units. Laws of motion: rectilinear and curvilinear. Simple and compound harmonic motion. Newton's laws. Work and energy. Composition, resolution and moments of forces. Equilibrium Machines. Centers of inertia, gyration and oscillation. Rotation of masses; free and constrained. Simple and compound pendulum. Instantaneous and permanent axes. Gyrostats. Central forces and tangential inertia. Vortex motion. Properties of matter; elasticity and density.

Optics. Wave motion. Laws of propagation, reflection, refraction and interference of waves. Optics: mirrors, prisms, lenses. Telescopes, microscopes and spectroscopes. Propagation of light in aeolotropic media. Fresnel's ellipsoid of elasticity. Polarization by double refraction. Uniaxial and biaxial crystals. Plane, elliptical, circular and rotatory Polarization. Properties of thin films. Interference of light waves. Diffraction grating.

Electricity. The electrostatic field. Faraday-Maxwell stress theory. Theory of Potential. Electrostatic induction. Capacity. Measurement of electrostatic magnitudes. Electrostatic machines. Magnetism. Intensity of magnetization. Magnetic moment and magnetic induction. Properties of bodies: permeability, susceptibility, hysteresis. Magnetic measurements.

Electrodynamics. Conductors and Insulators. Electric displacement in dielectrics. Currents in conductors. Magnetic properties of Currents. Laws of attraction and repulsion. Thermal and chemical equivalents. Electrolysis. Storage batteries. Electromagnetic Induction. Mechanical equivalent of current energy. Direct and alternating dynamo-electrical machinery. Theory of the transformer. Distribution of energy. Motors: direct and alternating current. Synchronous, Induction and rotating field motors, single and polyphase. Electromagnetic measurements. Electrostatic and electromagnetic systems of units.

Disruptive Discharge: Transformation of alternating current periodicities. Oscillatory discharge. Radiation of electrical energy. Space telegraphy. Discharge through gases (at high and low pressures). Cathode rays and Röntgen rays. Maxwell's electromagnetic theory of light. Radiations in general.

Heat. Thermal energy. Temperature. Conduction and convection. Specific heat. Phenomena occurring in the change of state of bodies. Kinetic theory of gases. Absolute temperature. Liquefaction of gases. Isothermal and adiabatic expansion of gases. Thermodynamics. Carnot's cycle. Mechanical equivalent of heat. Steam engines and steam turbines. Giffard's Injector. Indicator diagrams. Gas engines. Acoustics: wave propagation in ponderable media. Stationary and traveling waves. Shearing and torsional stress in solids: Traverse vibrations. Elastic reaction to compression in fluids. Vibrating air columns. Consonance and resonance. Doppler's principle.

Hydrostatics. Equilibrium in fluids. Accumulators. Specific gravity. Fluids in motion; properties of jets. Water power. Turbines and impact wheels. Barometers. Air pumps. High Vacua. Surface tension of liquids.

Text: Watson. Ref. Daniell, Ganot, Dressel, S. J., etc.

Chemistry

Lecturer, Rev. CHARLES J. BORGMEYER, S. J., three lectures a week.

Laboratory work, three hours a week and ad libitum.

Demonstrations by students, two hours a week.

General Chemistry. Chemical theory explained and illustrated by means of the elements and their compounds, inorganic and organic.

Laboratory Practice. Preparation of some elements and of compounds. Illustrations of chemical reactions, their laws, and modifying conditions. Practice assigned on the matter treated of in lecture next preceding.

Analytical Chemistry. Course in qualitative inorganic analysis, including methods for dissolving minerals.

Quantitative Analysis and Organic chemistry.

THIRD YEAR. Analytical Geometry. Four months, three hours a week.

Calculus. Four months, three hours a week.

Astronomy. Four months, two lectures a week.

Geology. Four months, two lectures a week.

Societies

English Academy. Moderator, Wm. T. Leahey, S. J.

The Philosophers' Academy was organized in 1890. The object of this Academy is to accustom its members to fluent and elegant writing on any fitting topic, and to develop literary taste.

The following are some of the papers read: The God of Other Times. Sermon of the Sunrise. Tennyson and Mediaeval Legend. Personal Element in Literature. Some Aspects of Modern Fiction. Catholic Literature of the Nineteenth Century. Evolution of Little Ireland.

Italian Academy. Moderator, Cyrus A. Telese, S. J.

The Italian Academy was organized during the past year. Its object is to give its members an insight into the beauties of Dante's mother tongue, and at the same time enable them to carry on an easy conversation in Italian. Both of these ends, owing to the interest taken by professor and pupils, were fully obtained.

Academy of Oratory. Moderator, E. F. Miner, S. J.

The object of this organization is to foster in its members a taste for eloquence and to enable them to cultivate in particular the art of extemporaneous speaking. Weekly meetings are held, at which a subject agreed upon is discussed by each member at such length as the limits of time will permit. The following are some of the subjects treated during the term just past: "The advantages of a Panama Canal," "A classical training and a business career," "The Catholic Church the Nation's Bulwark," "The prospect of a Greater Ireland," etc.

REGISTER OF STUDENTS

PHILOSOPHY

Bankstahl, John M., Detroit, Mich.
Blakely, Paul L., Covington, Ky.
Bryan, George P., Tampa, Fla.
Buckley, John, Ireland.
Burrows, Edward I., Manchester, N. H.
Cain, Mark A., Cincinnati, O.
Cloud, Charles H., Cincinnati, O.
Coady, Daniel M., St. Louis, Mo.
Cogley, William E., Emmet, Mich.
Cook, Andrew J., Detroit, Mich.
Corboy, William J., Ireland.
Cornell, Walter G., Chicago, Ill.
Cronin, Michael T., Ireland.
Cronin, Timothy A., Ireland.
Ehrhard, Henry R., St. Charles, Mo.
Esmaker, John B., Richmond, Ind.
Fitzgerald, William J., Denver, Col.
Flynn, Joseph T., Cincinnati, O.
Foss, Francis X., Cincinnati, O.
Fox, Albert C. Cincinnati, O.
Garesche, Edward F., St. Louis, Mo.
Hamilton, David E., Boone, Ia.
Hauhauser, Lawrence, Philadelphia, Pa.
Henry, Daniel D., Chicago, Ill.
Hermans, Henry A., Milwaukee, Wis.
Horine, S. Harrison, Springfield, Mo.
Jones, E. Aloysius, Chicago, Ill.
Kane, William T., Chicago, Ill.
Kearns, J. Clarence, Lebanon, Ky.
Kelley, Robert M., Fort Dodge, Ia.
Kelley, James L., Chicago, Ill.
Leahy, William J.. Wisner, Neb.
Lamasney, Patrick J., Ireland.
Mahan, Patrick J., St. Louis, Mo.
Mahoney, John F., Houston, Tex.
McCourt, Thomas A., Chicago, Ill.
McKernan, Francis A., Indianapolis, Ind.
McLaughlin, Joseph A., Chicago, Ill.
McNamara, Stephen E., Keokuk, Ia.
Meyer, Francis J., Chicago, Ill.
Milligan, Frederick L., Detroit, Mich.
Miner, Edward F., Detroit, Mich.
Mortell, John, Chicago, Ill.
Mosca, Joachim, Naples, Italy.
Nash, John J., Chicago, Ill.
O'Connor, James A., Springfield, Mo.
O'Neill, James R., Milwaukee, Wis.
Pernin, Claude J , Detroit, Mich.
Phillips, Patrick J., Milwaukee, Wis.
Reilly, Christopher A., Parsons, Kan.

Rohde, Aloysius H., Newport, Ky.
Rudden, Francis J., St. Louis, Mo.
Ryan, Charles M., Cincinnati, O.
Shanley, George P., Chicago, Ill.
Shea, Eugene I., Odabolt, Ia.
Sullivan, Florence P., Freeport, Ill.
Telese, Cyrus A., Naples, Italy.
Usher, John V., Cincinnati, O.
Veau, James H., New Orleans, La.
Wilczewski, Joseph, Milwaukee, Wis.

SCHOOL OF DIVINITY

SCHEDULE OF LECTURES

A. M.	FIRST YEAR.	SECOND YEAR.	3RD AND 4TH YEAR.
9:10	Pastoral Theology — S.	Pastoral Theology — S.	Pastoral Theology — S.
9:55 10:40	Dogmatic Theology.	Dogmatic Theology. Hebrew Academy — Sun.	Dogmatic Theology. Liturgy — Sun.
10:50 10:50	Moral Theology.	Moral Theology.	Sacred Script. — T. W. F. S. Canon Law — M.
11:15	Sacred Oratory — Sun.	Sacred Oratory — Sun.	Sacred Oratory — Sun.
P. M.			
2:20			Canon Law — F.
2:30	Hebrew — M. T. W. F.		
3:10	Dogmatic Theology.	Dogmatic Theology.	Dogmatic Theology.
5:30	Disput., Dogm. Theol. — M. W. F. Ecclesiastical Hist. — T. S.	Disput., Dogm. Theol. — M. W. F. Ecclesiastical Hist. — T. S.	Disput., Dogm. Theol. — M. W. F.

VII

SCHOOL OF DIVINITY

FACULTY

REV. W. BANKS ROGERS, S. J.,
Rector.

REV. JAMES J. SULLIVAN, S. J.,
Dean of the Faculty, Lecturer on Dogmatic Theology.

REV. BERNARD J. OTTING, S. J.,
Lecturer on Dogmatic Theology.

REV. FRANCIS B. KLOCKER, S. J.,
Lecturer on Dogmatic Theology.

REV. MICHAEL MARTIN, S. J.,
Lecturer on Pastoral and Moral Theology.

REV. FLORENTINE BECHTEL, S. J.,
Lecturer on Sacred Scripture and Oriental Languages.

REV. WILLIAM H. FANNING, S. J.,
Lecturer on Canon Law, Ecclesiastical History and Liturgy.

BERNARD F. ABELING, S. J.,
Instructor of Sacred Music.

ALOYSIUS F. FRUMVELLER, S. J.,
Instructor of Sacred Music.

GENERAL REMARKS

Sections

The School of Divinity is divided into four sections, each of which embraces those groups of studies which are closely related.

In the first, or Dogmatic Section, are included Dogmatic Theology, strictly so-called; and fundamental Theology, or General Apologetics.

In the second, the Moral Section, are included Moral Theology, Canon Law and Liturgy.

In the third, the Biblical Section, are included the General Introduction to Sacred Scripture, Exegesis and Hebrew.

The fourth, the Historical Section, deals with the history of the Church, its Councils and Institutions.

To these are added the studies of Sacred Eloquence, Liturgy and Ecclesiastical Music.

Method

The course is entirely by lecture, supplemented by regular and frequent repetitions in the accurate scholastic form. The examinations are oral.

LECTURES 1903–04

I. Dogmatic Theology

Religion in General. The Church

Lecturer, JAMES J. SULLIVAN, S. J., four lectures a week.
Seminar, three hours a week.

Religion in General

Definition of Religion. Religion, the foundation of all obligation incumbent on man. Necessity of Religion for Society. Only one true Religion, which all men must embrace. Doctrine of Religious Tolerance.

Revelation. Possibility of Divine Revelation. Absolute Necessity of a Supernatural Revelation. Distinctive marks by which a true Revelation may be recognized. Miracles and Prophecies, certain signs of the Divinity of a Revelation.

Christian Revelation. The Four Gospels and the Acts of the Apostles, authentic historic documents. By the Miracles and Prophesies contained in the Four Gospels Christ proves His Divine Mission. Jesus of Nazareth proves Himself a Divine Messenger in particular by His Resurrection from the dead. The spread of the Christian Religion, as testified to in history, an incontrovertible evidence of its divinity. Existence in the Church of a Tradition of divinely revealed doctrines and institutions. The Fathers have handed down Divine Tradition. Use of Holy Writ, Tradition and the Fathers, in Theology.

The Church

Institution of the Church. Preliminary notions. The Church founded directly by Christ. The Church, a perfect Society. The proximate and ultimate ends of the Church. The Church, a Monarchy. Church and State. Members of the Church.

Marks of the Church. The Church, a visible organization, consisting of a body and a soul. There is but one true Church of Christ. Unity, Sanctity, Catholicity and Apostolicity, Marks of the true Church of Christ. The Roman Catholic Church possesses these Marks. No other Christian denomination has these Marks. The Church is Infallible. The infallible teaching of the Church extends to all matters pertaining to Faith and Morals. Scripture and Tradition, the two sources of the Church's teaching.

Supreme Head of the Church. St. Peter, constituted by Christ the Supreme Head of the Church. The Primacy of St. Peter in the Church will endure forever. The Pope, or Bishop of Rome, the Successor of St. Peter, and in the Primacy over the whole Church. The Pope's Primacy, by Christ's institution, a true power of jurisdiction, ordinary, immediate, comprising the fullness of the spiritual powers over all the members of the Church. Oecumenical Councils. The Pope Infallible when teaching "ex Cathedra," i. e., as Universal Teacher of the Church in matters appertaining to Faith and Morals.

The Triune God

Lecturer, Rev. BERNARD J. OTTING, S. J., four lectures a week.
Seminar, three hours a week.

The One God

Existence of God. God knowable to man through creatures. Defined by the Vatican Council. Proved from the Sacred Writings and the Fathers. Facility and universality of this knowledge.

Scientific Demonstration of this Truth. The various metaphysical, physical, and moral *a posteriori* arguments. Refutation of Traditionalism.

God not knowable naturally, except through creatures. Refutation of Ontologism, of Innate Idea of God, of St. Anselm's argument, of Sentimentalism.

Essence of God. A pure spirit of infinite perfection. Physical essence. Metaphysical essence. His self-existence expressed by His name, — "*I am.*"

Attributes of God. His Unicity, Simplicity, Immensity, Immutability, Eternity, Omnipotence. Intuitive vision of God beyond the natural powers of created intellect. Comprehension of God impossible, even supernaturally. Distinction of God's Attributes from one another, and from His essence.

God's Knowledge. Principal and formal object of Divine Understanding. Secondary and material objects. God's knowledge of *simple*

understanding, of *vision*. His *mediate* knowledge. Necessity of admitting it. Its function. Theoretical knowledge. Knowledge of approbation and disapprobation.

God's Will. Division: Antecedent and consequent will: absolute and conditioned will: efficacious and inefficacious will.

Liberty of God's will. Nature of this liberty. How harmonized with his immutability.

Providence of God. Natural: Embraces all creatures. Supernatural: God's sincere will of man's salvation. Also of infants. Nature of this will. How modified by free created agents.

Predestination. Its existence and proprieties. Though certain and immutable in itself, it is naturally uncertain to man. Wholly gratuitous as regards the *First Grace:* merited as regards *Eternal Glory*. Various effects of Predestination. Reprobation, the fault of man.

The Trinity

Existence of this Mystery. There are Three Persons in God. Their consubstantiality. Hence each Person is truly God. The various elements of this mystery clearly contained in numerous texts of Holy Scripture. The whole dogma proved from the formula of Baptism. (Matthew, XXVIII, 19.)

Knowledge of this Mystery. How far revealed and known in the Old Testament. The Trinity and especially the consubstantiality of the Three Divine Persons in the writings of the Ante-Nicene Fathers. The Trinity is a mystery in the strictest sense of the word; still, though it is absolutely above reason, it cannot be proved to be contrary to reason.

Nature of this Mystery

Processions in God. There are only TWO. Principles of these processions. Difference between these processions, as manifested in the Sacred Writings. That of the Word is Generation; that of the Holy Ghost is not. Various explanations of theologians to account for this difference. The Holy Ghost proceeds from the Father and the Son, who are ONE principle of procession.

Relations in God. Their existence, number, nature. How they constitute the Persons. They are really identical with the Divine Essence, but virtually distinct from it. There are in God three relative subsistences, but not an absolute one.

The Divine Persons. Their equality. In existence one in another. Appropriation of works and attributes to one Person. Scope of appropriation; foundation of appropriation. Mission of Divine Persons. Its nature. Visible mission. Invisible mission.

REFERENCES: St. Thomas. Suarez. Vasquez. Toletus. Billuart. Platellius. Tournelly. Kleutgen. Franzelin. Piccirelli. DeSan. Pesch. Tepe. Mendive.

Compendious Course

Lecturer, Rev. Francis B. Klocker, S. J., five lectures a week. Seminar, one hour a week.

Part I. Grace

Grace. Excellence, definition, divisions.

Actual Grace. Definition, necessary for all salutary acts, even for initial faith. Errors of Pelagians and Semipelagians. The necessity of special grace for final perseverance in justice, and of special privilege for avoiding all venial sins. Some aid of God required to observe the whole natural law, though not for the observance of some of its precepts. Errors of Reformers and others. Grace a free gift of God, not bestowed on account of natural merit, impetration or disposition. The axiom: God does not refuse grace to him who does what lies in his power. All adults, even infidels and hardened sinners, receive proximately or remotely sufficient grace for salvation. The relation of grace to free will. The efficacy of grace does not impair the freedom of will. Errors of Reformers and others.

Habitual Grace and Justification. Dogmatic faith, implicitly given to all revealed truths, and explicitly to the truths of God's existence and God as rewarder, is necessary *necessitate medii* for justification, Faith alone does not justify. Justification is the reception of sanctifying grace, i. e. of a permanent, supernatural, spiritual quality, inherent in the soul, which truly destroys sin, renders man pleasing to God, just, an adopted son of God, heir to the kingdom of heaven, participator of the divine nature and capable of condign merit. In justification there are infused also supernatural virtues, especially of faith, hope and charity. The inequality of grace. The possible certainty of being in the state of grace. The loss of grace and infused virtues, except faith and hope, by mortal sin. Good works are under certain conditions truly meritorious.

Part II. Sacraments

Sacraments in general. Notion, definition, author, number, effects, mode of operation, reviviscence, matter, form, minister, intention necessary and requisites for validity. Character produced by three sacraments. Errors. Sacramentals.

Sacraments in particular

Baptism. Definition, proof of its existence, remote and proximate matter, form, ordinary and extraordinary minister. Infant baptism. Necessity of baptism for salvation. Errors.

Confirmation. Definition, proof, minister, matter and form.

Holy Eucharist. Definition, excellence. Real presence of Christ proved by argument of prescription, from the eucharistic promise in John c. 6, v. 48, etc., from the words of institution and from tradition. Errors of Reformers. Transubstantiation of the bread and wine into the body and blood of Christ. Errors and preposterous explanations rejected. Christ whole and entire under each species and every part of species as long as it remains unchanged essentially. Mystery of the Eucharist not contrary to reason. Objective reality of accidents. Matter and form of sacrament. Effects of Holy Eucharist. Its reception, how necessary. Communion under both species not required for salvation.

The Mass. Notion of sacrifice explained and proved. The sacrifice of the Mass proved from tradition, from the prophecy of Malachy, from the words of institution. Errors of Reformers. The essence of the sacrifice of the Mass. The principal and ministerial sacrificer. Mass offered to God in praise, thanksgiving, petition and atonement.

Penance. Definition. Proof from John, c. 20, v. 21, etc. Errors of Reformers. Power to forgive all sins. Its judicial character. Errors of Montanists and Novatians. Perfect contrition with implicit desire of the sacrament a means of justification. Attrition suffices for proper reception of sacrament. Necessity of confession; material and formal integrity. Necessity of satisfaction; its efficacy in remitting temporal punishment. The absolution; its minister; jurisdiction required.

Indulgences. Meaning; their treasury; ministers for granting them; legitimate causes; utility to the faithful, living and dead.

Extreme Unction. Definition; proof by argument of prescription, from James, c. 5, v. 14, etc.; matter and form; effects.

Holy Orders. Definition; proof of sacrament. Distinction between clergy and laity. The ecclesiastical hierarchy. The rites conferring deaconship, priesthood and episcopacy are truly sacramental. The matter and form of Holy Orders; the minister and the subject. Minor orders. Clerical celibacy. Invalidity of Anglican orders.

Matrimony. Definition; proof of sacrament. Among Christians the sacrament identical with matrimonial contract; its ministers; matter and form. The unity of Christian matrimony; its indissolubility, even in the case of adultery. The Pauline privilege. Papal dispensation. The right of the Church alone to establish impediments.

Part III. De Novissimis

De Novissimus. Death; its universality. The particular judgment and its immediate execution. The existence of hell; its eternity proved; not contrary to reason. Hellfire a true, material fire. Its actions on the spirit. The status of infants dying without baptism.

purgatory. Its existence proved; its duration and punishments. The condition of the souls there detained; their solace from the faithful. Heaven. Its beatific vision, supernatural, unequal, removing the capacity for sinning. The resurrection of the body. The last judgment. Invocation of the Saints, licit and useful. The veneration of the Saints and their relics and of sacred images vindicated.

II. Moral Section

Lecturer, Rev. MICHAEL MARTIN, S. J., five lectures a week.
Seminar, one hour a week.

Human Acts. Nature, constituents of, voluntarium and its species; voluntarium in causa, regulating principles. Modifying influences of Human Acts — ignorance, concupiscence, fear, violence. Morality, essence of; whether there are actus indifferentes in individuo, whether the external act increases the morality of the internal? Fountains of morality — object, circumstances, end. Obligation of referring our acts to God.

Conscience. Nature, divisions of — right and erroneous, certain and doubtful, scrupulous and lax; signs, causes, evils, remedies of scruples. Rules to be followed by scrupulous persons and by their confessors.

Probability. Its nature, species — intrinsic, extrinsic, speculative, practical, etc. When is an opinion to be held probable? Systems regarding probability, absolute and mitigated tutiorism, probabiliorism, equiprobabilism, probabilism. Demonstration of probabilism; difficulties solved; refutation of other systems; use of probable opinions.

Laws. Notion, essence, species of; author of — ecclesiastical legislator — Sovereign Pontiff, Councils General, Plenary, Provincial, Diocesan Synod. Object of a law— can heroic or interior acts be matter of human legislation, civil or ecclesiastical? Subjects of the Natural Law. Ecclesiastical, Civil. Peregrini, to what extent bound? Promulgation — necessary for obligation — mode of promulgation for Papal and Episcopal laws. Obligation of a law sub gravi, sub levi; how far the intention of legislator and the matter of the law determine the quality of obligation? Fulfilment of a law — what is required for, in an affirmative, what in a negative law? Can several laws be fulfilled by one act, several laws by several acts at the same time? Causes excusing from obligation of a law, exempting or impeding — directly, indirectly, proximately, remotely. When permitted to place an exempting or impeding cause? Interpretation of a law — species: rules for doctrinal interpretation. Dispensation — nature and species of — who can dispense in Divine or Ecclesiastical Laws? Is a just cause required for a valid dispensation? Cessation of dispensation by cessation of cause, revocation, renunciation. Cessation of law by abrogation, cessation of

adequate motive cause, desuetude. Natural Law — whether there may be invincible ignorance of its precepts? Divine Positive Law in Old and New Dispensations. Ecclesiastical Laws, civil, penal, irritant. Custom.

Sins. Species of — Conditions for mortal, venial sin. Numeric and Specific distinction, rules for. Interior sins: Capital Sins.

Virtues. Theological — Faith, necessity and material object of: Sins against, infidelity, heresy. Hope — opposite vices, presumption and despair. Charity — material object of, primary and secondary. Love of God, when the precept urges? Love of neighbor in general — of enemies. Precept of almsgiving, fraternal correction. Sins opposed to the love of neighbor by scandal — co-operation.

Precepts of the Decalogue. 1st Commandment. Acts of the virtue of religion — adoration, prayer. Vices opposed to religion — superstition, idolatry, vain observance, divination, spiritism, magic. Hypnotism when forbidden? Sacrilege, Simony. 2nd Commandment. Blasphemy: oath, conditions of: vow, obligation, irritation, dispensation, commutation of. 3rd Commandment. Sunday and Holy Days, what is prescribed for, what forbidden: obligation of hearing Mass, how fulfilled, reasons which excuse from: abstinence from servile works. 4th Commandment. Obligation of children and parents, employers and employees, etc. 5th Commandment. Homicide, abortion, duelling, war. 6th and 9th Commandments. Sins, exterior and interior — sins consummated and non-consummated. 7th and 10th Commandments. Nature of justice: dominion, object, subject, acquisition of. Theft, occult compensation. Restitution, possessor bonae fidei, malae fidei, dubiae fidei: unjust co-operation: circumstances of restitution, how much, to whom, order of, etc.: reasons which excuse from. Contracts — requisites for, obligation of — species, unilateral, bilateral. Promise, donation. Testament, nature and species: testator, heir, executor, obligations of. Contract of loan, interest, how far permitted or forbidden. Buying and selling — just price, how determined. Sale by auction; monopoly, brokerage, partnership, letting and hiring, strikes. Subsidiary Contracts — bond, pawn, mortgage. Insurance, wager and gaming. 8th Commandment. Lying, equivocation; detraction, calumny, rash judgment. Violation of secret, naturale, promissum, commissum.

Precepts of the Church. Hearing Mass; abstinence, fast, causes excusing from. Annual Confession and Paschal Communion.

Particular Obligations. Duties of judges, advocates, witnesses, physicians. Obligations of clerics, positive — Sanctity, celibacy. Recitation of the Divine office, time, order of; attention and devotion in: causes excusing from. Negative obligations of clerics. Obligations of Bishops, Parish Priests, Religious. Nature of the religious state — vocation. Vows of Religious.

Canon Law

Lectures, Rev. WILLIAM H. FANNING, S. J., two lectures a week.

Introduction to Canon Law. Definition, division and various sources of Canon Law.

Religious State. The nature, origin, history and different divisions of Religious State — Orders, Congregations, Pious Institutes — Monks, Friars, Clerks Regular, Canons Regular.

Impediments to Enter Religion. By natural Law. By positive legislation of the Church.

Novitiate. Testimonial Letters. Time, place and other requisites concerning the Novitiate. Rights and privileges of Novices. Renunciation of temporal goods.

Religious Profession. Conditions required for the validity of profession. Simple and solemn profession. Formal essence of the solemn vows. Time of solemn profession.

Duties Common to Regulars. Duties concerning the vows of poverty, chastity and obedience. Other duties. Papal and Episcopal Enclosure.

On Leaving an Order. Dismission and expulsion. Apostasy. Secularization.

Internal Government of Religious Orders. Election of Prelates. Legislative, judicial and coercive power. Exemption of the Regulars. Constitution "Romanos Pontifices."

Privileges Common to Regulars. Their nature and divisions. Communication of Privileges.

REFERENCES: Sanguinetti, Aichner, Smith, Vermersch, Wernz, Laurentius, Craisson, Concilia Baltimorensia.

III. Biblical Section

Sacred Scripture. Lecturer, Rev. FLORENTINE BECHTEL, S. J., four lectures a week.

General Introduction to the Sacred Scripture. History of the Canon. History of the Text of the Old and New Testaments. The Ancient Versions. The Latin Vulgate. The English Versions. Principles and history of biblical hermeneutics.

Exegesis. Explanation of the Epistle to the Romans.

Hebrew, Rev. FLORENTINE BECHTEL, S. J.

FIRST YEAR. Two hours a week. Hebrew Grammar with suitable readings and translation of English into Hebrew.

SECOND YEAR. One hour a week. Translation of selected passages with special reference to the syntax.

IV. Ecclesiastic History

Lecturer, Rev. William H. Fanning, S. J., two lectures a week.

The Holy Roman Empire. Its establishment. Charlemagne and Pope Leo. Relations between Church and Empire. Election and Coronation of Emperors.

The Dark Ages. The Church in the ninth century. Fable of the Popess Joan. Disorders of the tenth century. Pope John XII and Emperor Otho.

The Greek Schism. The Image-Breakers and the first stage of the Photian Schism. The Final Consummation. Efforts to extinguish Schism. Last reunion with Greek Church. Present Condition of Oriental Schismatic Churches.

The Church and the World. Pope Gregory VII. Canossa. Affair of Investitures. Berengarius. Simony. Encroachments of the Civil Power.

Internal Economy. Clerical Celibacy. Liturgies. The Oriental Rites. The Cardinals. Papal Elections.

Great Schism of the West. Its Origin. Urban the VI. His Election valid. Avignon Anti-Popes. Council of Pisa. Position of Pisan Anti-Popes. End of Schism. The Council of Constance.

Religious Revolt of XVI Century. Fore-runners: Wycliffe and Huss. Martin Luther: His defiance of Church Authority and Tradition. The Schism in England. Persecution in the British Isles. The Huguenots. Protestantism in Scotland. Mary, Queen of Scots, and Elizabeth. Attempts to bring heresy into Ireland. Anglican Orders.

The Counter-Reformation. The Council of Trent. Loyola and the Jesuits. Saints and Missionaries. Provincial and National Synods. Napoleon and the French Church.

The New World. Catholicism in Mexico and South America. The Church in the American Colonies. The Missions of New France. Colonization and evangelization of Louisiana Purchase Territory. Marquette and Hennepin. The Catholic Founders of St. Louis. Development of the American Hierarchy.

The Second Spring. The Oxford Movement. Newman and Wiseman. Catholic Emancipation. Hierarchy restored in England and Scotland. Passing of Gallicanism. The Twentieth Oecumenical Council of the Vatican. Doellinger and the Old Catholics. Leo XIII and Pius X.

General References. Baronius. Fleury. Rohrbacher. Darras. De Montor. Hefele. Jungmann. Jannsen. Pastor.

V. Sacred Eloquence

Moderator, Rev. William H. Fanning, S. J.

The students of the Divinity School give serious and continued attention to the theory and practice of pulpit oratory. During the course of the year, each student is required to elaborate a sermon on some given text, and after it has been submitted for approval, to deliver it before his professors and fellow-students. In addition to this, weekly gatherings are held, presided over by one of the professors, where, in their turn, the students deliver choice selections from the great pulpit orators, or original developments of Scripture texts. The speakers are then criticised by their fellow-students, and the professor concludes the exercise by a general summing up of the criticisms offered.

VI. Sacred Liturgy

Lecturer, Rev. William H. Fanning, S. J., one lecture a week.

The rites and ceremonies of the Catholic Church form part of the curriculum of the Divinity School during the third year of the course. Practical instructions are given on the manner of celebrating the Holy Sacrifice of the Mass, on the administration of the Sacraments, and on the recitation of the Divine Office, or decorum and exactitude in the external worship of God.

Text-books. The ceremonial of the Council of Baltimore. The Compendium Sacrae Liturgiae of Wapelhorst.

VII. Ecclesiastical Music

Professor, Aloysius F. Frumveller, S. J.

Third Year. Second Term. One hour a week.

Elements and characteristics of modern musical theory. Introduction to the theory and practice of Gregorian chant. Voice Culture. Sight reading.

This course is mainly practical. Its object is to give facility in reading and properly rendering the liturgical chant occurring in the service of the Catholic Church — Text-book, Magister Choralis — Haberl.

The University Choir. — Director, Bernard F. Abeling, S. J.

A choir of about twenty-four voices, from the Theological and Philosophical Departments, take charge regularly of the singing at all solemn services in the University chapel. At the Holy Week services, in the church and on special occasions, the choir is assisted by from thirty to forty additional voices.

THEOLOGIANS' LYCEUM

Moderator, WILLIAM T. DORAN, S. J.

The Lyceum was organized to foster literary taste and to accustom the student to present the results of his higher studies in an effective manner. The papers read and discussed are Theological, Philosophical, Ethical or Literary — at the option of the writer.

Meetings are held weekly. A partial list of the papers read during the past year is offered: The Pedagogics of Our Divine Saviour. St. Catherine, Virgin, Doctor, Martyr. Ruins in Art and Science. The Cellular Cosmogony of Dr. Teed. Protestantism and the Indulgences of 1517. The Catholic Spirit of Anglo-Saxon Literature. A Study in Ethics. Father Ryan, Priest and Poet. The Educational Question. World Movers. Devotion to St. Joseph in History. Present Literary Decline. Radium and Radio-Activity. The Present Standing of Experimental Psychology in Catholic Schools. Joan of Arc. An Evil that confronts our Government. Natural Mysteries. The Transmission of Electrical Energy.

SCHOOL OF DIVINITY

REGISTER OF STUDENTS

Abeling, Bernard F., Covington, Ky.
Baehr, Emil, Alsace-Lorraine.
Bennett, William, Ireland.
Bennett, William H., Troy, N. Y.
Bordigoni, Henry, Liguria, Italy.
Breen, Francis X., Chicago, Ill.
Breen, Paul M., Chicago, Ill.
Bruckert, Joseph, Rev., Alsace-Lorraine.
Burke, Patrick, Rev., Dewitt, Iowa.
Colligan, James A., San Francisco, Cal.
Coronas, Joseph, Barcelona, Spain.
Crivelli, Camillus, Piedmont, Italy.
Cummings, Edward A., Alsace-Lorraine.
Daly, James C., Des Moines, Iowa.
Daly, James J., Chicago, Ill.
Danihy, John H., Ottumwa, Iowa.
Davis, Joseph L., St. Louis, Mo.
Delon, Philip I., Cahors, Lot, France.
Dinneen, George F., Huron, S. Dak.
Dooley, William F., Chicago, Ill.
Doran, William T., Omaha, Neb.
Eline, William J., Milwaukee, Wis.
Engelen, William, Germany.
Esterman, Albert F. X., Rev., Cincinnati, Ohio.
Estrada, Joseph M., Morelia, Michoacan, Mex.

Fayolle, John, Retournac, France.
Frumveller, Aloysius F., Detroit, Mich.
Furay, John B., Omaha, Neb.
Fusz, Louis J., St. Louis, Mo.
Garcia, Ramon, Rev., Zamora, Michoacan, Mex.
Garraghan, Gilbert J., Chicago, Ill.
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OF STUDENTS IN ALL DEPARTMENTS

Postgraduate:	School of Divinity	79	
	School of Science	60	
	Normal School	61	
	School of Medicine	402	
			602
Undergraduate:	The College	87	
	The Academy	321	
			408
	Total		1010

A. M. D. G.

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A SYMPOSIUM BY THE SENIORS

Overture	Philippine Band.
Greeting	Robert F. Imbs.
The Value of Literature	T. Clement Lonergan.
Signs of Decadence	John H. Schulte.
Music	Philippine Band.
Agencies of Decadence	Lawrence B. Bitz.
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ST. LOUIS, MO.

1905

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UNIVERSITY CALENDAR.

1905.

February 1.	Second Semester begins.
*February 10.	Rector's Day.
*February 22.	Washington's Birthday.
February 27, 28.	Disputations—Graduate.
March 1.	March Assembly—Undergraduate.
March 7.	Feast of St. Thomas Aquinas—Theologians' Day.
March 27.	Intercollegiate English Contest—Undergraduate.
April 15.	Fourth Quarter.
April 17.	Annual Retreat begins—Undergraduate.
*April 20.	Easter Recess begins—Undergraduate.
*April 21.	Easter Recess begins—Medical.
April 24.	Classes Resumed—Medical.
April 25.	Classes Resumed—Undergraduate.
April 26.	Intercollegiate Latin Contest—Undergraduate.
April 28, 29.	Preliminary Elocution Contest—Undergraduate.
May 1.	Examinations begin—Medical.
May 1.	Disputations—Graduate.
May 3, A. M.	May Assembly—Undergraduate.
May 3, P. M.	Squad Drill.
May 8.	Commencement Exercises—Medical.
May 9.	Closing Exercises of the German Academy.
May 10.	Finals in Elocution Contest—Undergraduate.
May 15.	Examinations, Physics—Undergraduate.
May 16.	Public Debate—Closing Exercises of the Philalethic Society.
May 16.	Examinations, Modern Languages—Undergraduate.
May 17.	Battalion Inspection.
May 19.	Examinations, Chemistry—Undergraduate.
May 20.	Repetitions begin—Undergraduate.
June 10.	Closing Exercises of the Sodalities.
*June 12.	Pentecost Recess.
June 13.	Annual Examinations—Undergraduate.
June 14.	Annual Examinations—Graduate.
June 21, A. M.	Solemn High Mass—Feast of St. Aloysius.
June 21, P. M.	Commencement Exercises—Undergraduate.
June 24, 26.	Entrance Examinations—Academy.

*Recreation day.

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1905.

August 25.	Conditioned Examination—Latin, English.
August 26.	Conditioned Examination—Greek, History.
August 28.	Conditioned Examination—Mathematics.
August 29.	Conditioned Examination—Sciences, Modern Languages.
September 1, 2, 4.	Entrance Examinations.
September 5.	Session begins, First Semester—Undergraduate 10:00 A. M. Lectio Brevis in Languages.
September 6, A. M.	Regular order.
September 6, P. M.	1:00 to 2:00 Lectio Brevis in Mathematics.
September 11.	Session begins—Senior College and Graduate Classes.
September 12.	Military Battalion reorganizes.
September 13.	Solemn Mass of the Holy Ghost.
September 18.	Sodalities reorganize.
September 20.	Philalethic Society reorganizes.
September 20.	German Academy reorganizes.
September 22.	Musical Societies reorganize.
October 1.	Session begins—Medical.
October 3.	October Assembly—Undergraduate.
October 12.	Medical Scholarship Examinations.
November 1.	Feast of All Saints—Holyday.
November 6.	Solemn Requiem Mass for Deceased Professors and Students.
November 15.	Second Quarter.
*November 25.	Feast of St. Catherine—Philosophers' Day.
November 26, 27.	Disputations—Graduate.
*November 29.	Thanksgiving Day.
*December 3.	Feast of St. Francis Xavier, Patron of the University.
*December 8.	Feast of the Immaculate Conception—Holyday.
December 22.	December Assembly—Undergraduate.
*December 23.	Christmas Recess begins.

1906.

January 2, P. M.	Classes resumed—Medical, Graduate.
January 4.	Classes resumed—Undergraduate.
January 27.	Feast of St. John Chrysostom—Rhetoricians' Day.
February 1.	Second Semester.

* Recreation day.

A. M. D. G.

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Assistant in Nose and Throat Diseases.

WILLIAM E. LEIGHTON, A. B., M. D., 3341 Lucas Avenue.
Assistant in Anatomy.

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*Died April 15th, 1905.

JOSEPHUS R. LEMEN, M. D., Vanol Building.
Professor of Chest Diseases.

BRANSFORD LEWIS, M. D., 627 Century Building.
Professor of Genito-Urinary Surgery.

CLARENCE LOEB, A. M., M. D., 3559 Olive Street.
Assistant in Ophthalmology.

HANAU W. LOEB, A. M., M. D., 3559 Olive Street.
Secretary of the Medical School, Professor of Nose and Throat Diseases..

JOHN B. LOUIS, S. J., University.
Instructor in French and Drawing.

CLARENCE D. LUKENS, D. D. S., 534 N. Vandeventer Avenue.
Professor of Dentistry.

FRANK J. LUTZ, A. M., M. D., Grand Avenue and Henrietta Street.
Professor of Surgery.

ELIAS POTTER LYON, A. B., PH. D., Medical College.
Professor and Director of the Department of Physiology, Physiological Chemistry and Pharmacology.

WILLIAM A. McCANDLESS, A. M., M. D., 3857 Westminster Place.
Professor of Fractures and Dislocations and of Clinical Surgery.

REV. MATTHEW McMENAMY, S. J., University.
Lecturer on Psychology and Special Metaphysics.

REV. MICHAEL MARTIN, S. J., Divinity Building.
Lecturer on Moral and Pastoral Theology.

A. EDWARD MEISENBACH, M. D., Jefferson Building.
Instructor in Clinical Medicine.

REV. THOMAS H. MILES, S. J., University.
Chaplain.

ALBERT MILLER, A. B., M. D., 3559 Olive Street.
Assistant in Diseases of the Nose and Throat.

WILLIAM J. MILLMANN,
Instructor in Fourth Commercial Class.

WILLIAM G. MOORE, M. D., 86 Vandeventer Place.
Vice-Dean of the Medical School, Professor of Medicine.

JOHN P. MORRISSEY, S. J., University.
Assistant Professor of Chemistry and Mathematics.

CHARLES HUGH NEILSON, B. S., Ph. D., Medical College.
Associate Professor of Physiological Chemistry.

CLARENCE M. NICHOLSON, M. D., 4500 Olive Street.
Professor of Surgical Anatomy and Clinical Surgery.

REV. SIMON J. NICOLAS, S. J., University.
Prefect of Discipline in the College and Academy, Faculty Moderator of Athletics.

REV. THOMAS A. O'MALLEY, S. J., University.
Professor of Latin, Greek and English in Sophomore Year.

REV. BERNARD J. OTTEN, S. J., University.
Lecturer on Cosmology and Special Metaphysics.

REV. BERNARD J. OTTING, S. J., Divinity Building.
Lecturer on Dogmatic Theology.

LOUIS R. PADBERG, M. D., 3927 South Broadawy.
Instructor in Medicine.

WILLIAM A. PADBERG, S. J., University
Instructor in the First Academic Class.

REV. EMMANUEL PEYPOCH, S. J., Divinity Building.
Instructor in Spanish.

REV. WILLIAM F. POLAND, S. J., University.
Professor Emeritus of Metaphysics.

WILLIAM PORTER, A. M., M. D., 3886 Washington Boulevard.
Professor of Clinical Medicine.

THOMAS B. POTE, M. D., 1422 Union Boulevard.
Assistant in Children's Diseases.

PETER POTTER, A. M., M. D., Medical College.
Associate Professor of Anatomy.

WILL RININGER, M. D., 1100 Madison Street.
Assistant in Nervous Diseases.

ALOYSIUS H. ROHDE, S. J., University.
Instructor in Second Academic Class.

REV. ALOYSIUS J. ROTHER, S. J., University.
Lecturer on Logic and Ontology.

WILLIAM H. SCHIERMAN, S. J., Divinity Building.
Instructor in Plain Chant and Sacred Music.

MARTIN SCHMIDT, Medical College.
Laboratory Technician.

DANIEL M. SCHOEMAKER, B. S., M. D., Medical College.
Assistant Professor of Bacteriology.

CHARLES E. SCHUETZ, S. J., University.
Instructor in Third Academic Class.

SIDNEY I. SCHWAB, M. D., Vanol Building.
Professor of Diseases of the Nervous System.

MAJOR G. SEELIG, A. B., M. D., Vanol Building.
Assistant in Anatomy.

FRANK C. SIBLEY, M. D., 2735 Gamble Street.
Assistant in Pharmacology.

FRANK W. SMITH, 2359 South Vandeventer Avenue.
Instructor in Biology.

THOMAS J. SMITH, S. J., University
Instructor in Third Academic Ciass.

HORACE W. SOPER, M. D., 813 North Eighteenth Street.
Assistant in Medicine.

FRANKLIN J. STANLEY, B. S., Kirkwood.
Lecturer on Commercial Law, Instructor in First Commercial Class.

ALBERT S. STEINER, M. D., 2715 Locust Street.
Assistant in Ophthalmology.

REMY J. STOFFEL, M. D., 2754 Armand Street.
Professor of Therapeutics and Materia Medica.

A. B. STREEDAIN, Medical College.
Artist to the Anatomical Department.

REV. JAMES J. SULLIVAN, S. J., University.
Dean of the Schools of Divinity and Philosophy, Lecturer on Dogmatic Theology.

HUGO SUMMA, A. M., M. D., 2229 St. Louis Avenue.
Professor of Medicine.

HUDSON TALBOTT, M. D., 3151 Laclede Avenue.
Instructor in Medicine.

CYRUS A. TELESE, S. J., Philosophy Building.
Instructor in Italian and Spanish.

FRANCIS A. TEMM, M. D., 2801 Morgan Street.
Clinical Instructor in Gynecology.

OLIVER B. TERRY, B. S., Medical College.
Assistant in Physiology.

RALPH L. THOMPSON, A. M., M. D., Medical College.
Associate Professor of Pathology.

DAVID C. TODD, M. D., 3554 Olive Street.
Assistant in Anatomy.

HENRY M. VAN HOOK, M. D., City Hospital.
Assistant in Medicine.

RUDOLPH S. VITT, Ph. G., M. D., 3860 South Broadway.
Assistant in Pharmacology.

ALFRED T. VOGLER, M. D., 1523 Penrose Street.
Assistant in Chest Diseases.

EDGAR P. WARD, M. D., 2734 Armand Street.
Assistant in Obstetrics.

IRVIN A. WEICHBROD, M. D., 3559 Olive Street.
Assistant in Nose and Throat Diseases.

JAMES M. WILSON, Ph. B., M. D., Medical College.
Assistant Professor of Vertebrate Embryology and Comparative Anatomy.

WILLIAM O. WINTER, M. D., 3632 South Broadway.
Assistant in Medicine.

THOMAS C. WITHERSPOON, M. D., 4318 Olive Street.
Professor of Operative and Clinical Surgery.

PHILIP G. ZAPP, M. D., 5446 Easton Avenue.
Assistant in Physiology.

General Statement.

ORGANIZATION.

The St. Louis University comprises at present the following departments: The Divinity School; The School of Philosophy and Science; The Medical School; The College; The Normal School; The Military Department; The Academy; and The Commercial Department.

HISTORY.

In its history St. Louis University reaches far back into the past century, and has the distinction of being the "Oldest University in the Louisiana Purchase." On November the sixteenth, 1818, Right Reverend William Louis Dubourg, Bishop of Upper and Lower Louisiana, with his residence in St. Louis, opened a school in which the ancient classics were taught "with a view of furnishing young men of St. Louis and vicinity an opportunity of acquiring a thorough education." The school seems to have flourished for a time, and in 1820 took the title of St. Louis College; but as it was attached to the cathedral in St. Louis, and was conducted by secular priests whose pastoral duties were constantly growing more onerous, it soon began to decline. In the meantime, Fathers of the Society of Jesus arrived, ready to continue the work of education.

In 1823, at the request of James Monroe, President of the United States, and of his Secretary of War, John C. Calhoun, the Jesuits of the Eastern United States came to Missouri to establish schools for the education of the Indians within the borders of the territory, and in the following year opened their first school at Florissant. In 1828 they enlarged the scope of their work, and at the invitation of Right Rev. Joseph Rosati, the Bishop of St. Louis, they began to build the St. Louis College on what is now known as Ninth Street and Washington Avenue, but which was then described in the prospectus of the college as being "situated in the country and within easy distance of the city of St. Louis." Classes were organized on Monday, November 2, 1829.

In its new location the young institution flourished, and in 1832 received its charter as a University by act of the Legislature of the State of Missouri. In 1837 the Schools of Philosophy and Theology were opened, and were transferred, in 1858, to buildings erected for their purpose in North St. Louis. A Medical School was established in 1842, and in 1843 a Law School was opened, both of these schools being the first of their kind west of the Mississippi. Owing to the encroachments of the business districts, the University site became unsuited to educational purposes, and in 1888 the institution was transferred to a new and more favorable situation in the western part of the city. The undergraduate department was opened on Grand Avenue in 1888; the School of Philosophy and Science on Lindell Boulevard in 1891; the School of Divinity on West Pine Boulevard in 1899.

In May, 1901, two of the best medical schools of the state, the Marion Sims Medical College and the Beaumont Hospital Medical College, were consolidated for the purpose of strengthening the advantages which they offered. Each had maintained a large faculty with equipment and facilities amply adequate for the stage of medical education which each represented. This consolidated Marion–Sims–Beaumont College of Medicine was acquired by the St. Louis University in May, 1903, as a component part of the institution.

LOCATION AND EQUIPMENT.

The University has at present the following buildings: The Faculty, College and Academy building on Grand Avenue, between Lindell and West Pine Boulevards; the School of Philosophy on Lindell Boulevard; the School of Divinity on West Pine Boulevard; and the Medical School on Grand Avenue and Caroline Street, one mile south of the main group.

The stately structures in the northern group on Grand Avenue are in the early decorated English Gothic style, and form one of the most striking architectural pictures in the city.

The **main building** is in the form of a reversed L, with a frontage of 280 feet and a depth of 375. It contains the following equipment:

Offices, reception rooms, the recitation rooms for the under-

gradate students; the lecture rooms and laboratories in physics, chemistry and biology.

The University Chapel. For the greater convenience of the Divinity students, other chapels are in service; and on solemn occasions the adjacent "College Church" is used.

The General Library. This is a spacious apartment 79 by 50 feet and 67 feet in height. It contains about 45,000 carefully selected volumes, exclusive of pamphlets. In addition to the general library there are branch libraries in the Faculties of Theology, Philosophy and Medicine, besides the library for the undergraduates.

The Museum, an immense hall without columns, covered by an open polished timber roof, its size being 98 by 58 and 52 feeet high During the year the Museum was enriched by the addition of several beautiful reproductions of lunar photographs by MM. Loewy and Puiseaux, and by the Vatican Exhibit of facsimiles of works in the Vatican Library. The University's Art Collection has a number of paintings representing the Spanish, Italian, Dutch and Flemish schools. Among them are: The Holy Family, an original of the School of Velasquez; The Annunciation, by Procacini of Verona, 1619; Van Luyten of Utrecht's copy of Ruben's great picture of St. Ignatius, 1700; St. Sebastian, an original of the School of Andrea del Sarto; The Knife-Grinder and The Cobbler, two of the original twelve "trades" by David Tenier the Younger; Spagnoletti's Martyrdom of St. Bartholomew; a Pieta of the Dutch School in the latter end of the Sixteenth century; an excellent copy of Murillo's Holy Family in the Museo of Madrid.

The Gymnasium. This occupies the entire lower floor of the south wing of the building. During the term the facilities of the dressing rooms have been increased, and the apparatus of the gymnasium renewed and enlarged. Owing to the limitations of the campus in size and availability for track purposes, the University has annually been put to great expense and inconvenience in securing suitable grounds for athletic purposes. The friends of the University could give a much needed assistance by securing a conveniently located athletic field as the permanent property of the Institution.

The **Schools of Divinity and Philosophy** are situated west of the main building. They contain the private apartments of the students

and some of the professors, the branch libraries pertaining to their departments, recitation rooms, recreation halls, etc.

The **Medical School**, known as the Marion–Sims-Beaumont Medical College, is on Compton Hill, one mile south of the main group. It occupies 1½ acres of ground, and comprises the College, the Rebeckah Hospital, and the Laboratory building. For a detailed account of the School of Medicine, see page

EDUCATIONAL SYSTEM.

The educational system of the St. Louis University is substantially that of the 32* universities and 194 colleges conducted by the Society of Jesus in Europe, Asia and America. The principles underlying the system, the method of teaching, the general lines of the course of studies, are everywhere the same, but in details there are divergences dependent upon the different circumstances of time and place. The system is technically known as the "Ratio Studiorum Societatis Jesu," or simply the "Ratio Studiorum," a comprehensive and detailed plan of studies with the complete method and apparatus of its operation. The fundamental principles may be gathered, although imperfectly, from the introductory sections under the different departments in this catalogue. A full explanation may be found in: MONUMENTA GERMANIAE PEDAGOGICA, vols. II, V, IX, XVI; UN COLLEGE DE JESUITES, by C. De Roichmonteix; LOYOLA: OR THE EDUCATIONAL SYSTEM OF THE JESUITS, by Thomas Hughes (Scribner); JESUIT EDUCATION, by Robert Schwickerath (Herder). Shorter accounts are contained in the HISTORY OF THE ST. LOUIS UNIVERSITY, by Walter H, Hill, S. J., Ch. XII; and in THE JESUITS: THEIR STUDIES AND TEACHING, by Maynard.

At the present time, when there are so many divergences of educational theories and sentiments, such frequent changes in curricula and methods, and often with a blind subserviency to whim or expedience, the Ratio Studiorum has the great merit that it is not an experiment, but an organized system, definite in its principles and in its purpose, and resting upon a long and wide experience.

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*23 of these have only Post-graduate courses in Liberal Arts and Divinity.

WORLD'S FAIR PRIZES.

The University's exhibit at the Louisiana Purchase Exposition was more solid than showy, and made its appeal to the discriminating. It received the following awards:

Grand Prize for Excellence of General Exhibit.

Grand Prize for Special Exhibit of Topographical Anatomy, by Professor Peter Potter, A. M., M. D.

Grand Prize for Special Exhibit of Embryological Drawings, by Professor Albert C. Eycleshymer, B. S., Ph. D.

Silver Medal for Collection of Mounted Pathological Specimens, by Professor Carl Barck, A. M., M. D.

Silver Medal for Cabinet of Chemical Crystallography, by Professor Gustavus Hinrichs, M. D., LL. D.

Silver Medal for Historical Collection arranged by Rev. John C. Burke, S. J., in collaboration with Rev. Arthur Jones.

Silver Medal for Book of Original Odes in Greek, Latin and English, commemorative of the Louisiana Purchase. This exquisite literary and artistic work had as its theme, The Fair, the Triumph of Civilization. The volume, itself a triumph of the binder's art, consisted of: 1. An English Ode, "The Empire of Peace," written by Claude Pernin. 2. A Latin Century Song on the model of Horace's "Carmen Saeculare," consisting of twenty-five Sapphic stanzas, the work of Aloysius Kemper, the translation into English being made by W. P. Ratigan. 3. A Greek Olympian Ode, after the manner of Pindar, composed in Greek and done into English by Paul Blakely. All these writers are students in the School of Philosophy. 4. Sixteen illustrations in water colors on subjects connected with the odes, by John B. Louis, S. J., instructor in drawing at the University.

Bronze Medal for Stenographic Reports of lectures, recitations, etc., in the various departments of the University.

DEGREES.

The degree of Bachelor of Arts (A. B.) is conferred upon those who successfully complete the College Course.

The degree of Bachelor of Science (B. S.) is conferred upon those who successfully complete four years of the combined College and Medical Course, as outlined on page 35.

The degree of Master of Arts in Course (A. M.) can be obtained by one year of graduate study in the University.

The degree of Doctor of Medicine (M. D.) is conferred upon those who successfully complete the four years' course in Medicine.

The degrees of Bachelor of Philosophy (Ph. B.) and Doctor of Philosophy (Ph. D.) will be granted only after successful graduate courses.

Honorary degrees are conferred at the discretion of the Board of Trustees upon those who have distinguished themselves in literature, science or the professions.

The requirements for the degrees in course will be found stated in the appropriate places under the different departments.

No degrees will be given to those who have not satisfied their obligations to the institution.

SCHOLARSHIPS.

In the **Medical Department** scholarships have been endowed by:

Mr. Samuel Cupples, Col. D. P. Slattery,
Mr. F. C. Pauley, Mr. J. B. Legg,
Mr. A. C. Cassidy.

These scholarships grant free tuition to those who receive them.

Two of these have been set aside by the Faculty, to be given at the beginning of each term to the two medical students who pass the most satisfactory examination in English Grammar, United States History, Algebra and English Literature. The three other scholarships are granted to deserving young men who need assistance in the pursuit of their studies.

In the **Undergraduate Department** an Annual Scholashrip is provided by the donation of $60.00. A permanent scholarship, which entitles the founder at all times to keep one scholar, designated by him and acceptable to the Faculty, free at the University, is founded by the gift of $1000.00. If the founder fails to name an incumbent, the scholarship will be conferred at the discretion of the Faculty.

An Annual Scholarship for the year was donated by the University Alumni Association, and one by the Knights of Father Matthew of Emerald Council No. 10.

The Cornet Scholarships.—In accordance with the wishes of Mr. William J. Cornet, A. B., '93, the sum of $2500.00 has been set aside by the family of the deceased for the foundation of two permanent scholarships in the Classical Course, the beneficiaries of the same to be designated by the Faculty of the University.

The University offers five Free Scholarships, for the year 1905–6, to the boys of the Parish Schools of the Archdiocese of St. Louis and vicinity. These scholarships will be awarded by competitive examinations. The Scholarships will cover the whole Academy (High School) and Collegiate courses.

DISCIPLINE.

Regularity in attendance, earnest application to the work assigned, conformity to the regulations, and gentlemanly conduct are required of all the students of the institution. Any serious neglect in these essential points will render the offender liable to effective correction, and even to dismissal.

The University does not hold itself responsible for offences committed out of its jurisdiction; yet, any conduct that is detrimental to the reputation of the institution, or that hinders the advancement or moral good of other students, is sufficient cause for suspension or expulsion.

EXPENSES.

As the Institution is not endowed, it is entirely dependent for its support on the fees paid for tuition.

Undergraduate Department.

Matriculation Fee (paid but once)		$ 5 00
College:	Tuition, for all classes, ten months	60 00
	Physics, lecture room and laboratory fee	15 00
	Chemistry lecture-room and laboratory fee	15 00
	Biological laboratory fee	5 00
	Diplomas for graduates in the Collegiate, Scientific and Graduate courses	10 00
Academy:	Tuition for all classes, ten months	60 00
	Fee for students in typewriting	5 00
Commercial School:	Tuition, for all classes, ten months	60 00
	Use of typewriter, ten months	15 00
	Commercial Certificate on completion of the course	5 00
Instruction in music—piano, string or brass instruments		60 00
Drawing		10 00
Conditioned Examinations, each		1 00

Payments must be made quarterly or semi-annually in advance. The account for tuition dates from the day of the student's entrance. No deduction is allowed for absence, except in case of dismissal or protracted illness. The session is divided into quarters, beginning respectively on the opening day of the academic year, the 15th of November, the 1st of February, and the 15th of April.

Medical Department.

Matriculation Fee (paid but once)	$ 5 00
Tuition	95 00
Tuition for Sons of Physicians	75 00
Fees for four years if paid in advance	325 00
Fees for three years if paid in advance	275 00
Microscope Fee	3 00
Dissecting Material, per part	1 00

All fees are payable in advance at the beginning of the term. In special instances arrangements may be made for payment of half the fees at the beginning of the first semester, and half at the beginning of the second semester.

Good board and lodging can be secured near the College or the Medical School at the rate of $3.50 to $5.00 a week. Students who club together can board for less.

Acknowledgments.

The President and Faculty wish to express their grateful acknowledgments for donations from the following:

His Holiness Pius X.—The Vatican Exhibit, (except the mosaics) at the World's Fair.

His Excellency, the Ambassador of France—A copy of "Les Combattants Francaise de la Guerre Americaine 1778–83."

Mr. Jules Carlier, Belgian Royal World's Fair Commissioner General—Books and pamphlets on educational subjects.

Co. F. M. de Souza Aguiar, President of the Brazilian World's Fair Commission—Various gifts.

Hon. Seiichi Tegima, World's Fair Commissioner General of Japan —Books, furniture, etc.

M. Jules Boeufve, Consul of France, Assistant World's Fair Commissioner General—Valuable gifts from the French educational exhibit, especially the exhibit of the French Universities.

Hon. E. M. Nelson, Argentine World's Fair Commissioner—Books, specimens of agricultural products, etc.

Hon. P. E. Pieris, Assistant World's Fair Commissioner of Ceylon—Minerals, coins, etc.

Major William H. Johnston, U. S. A.—Model of a Philippine house.

Rev. Jose Algue, S. J.—A collection of Philippine woods.

Dr. S. Millington Miller—Some rare books.

Dr. Gustavus Hinrichs—A set of his publications.

Mr. Paul Bakewell—The Cambridge Modern History.

Mr. Julius S. Walsh—The Encyclopedia of American Biography.

Mr. Frank Gaiennie—A mounted and encased pelican.

Mr. Gervais P. Gaiennie—Copies of a musical work.

Mr. Colin M. Selph—World's Fair publications.

Rev. Joseph Shulak, S. J.—Several valuable mineral specimens.

Mr. Frederick W. Duenckel—A newly devised protractor.

Rev. J. G. Venneman—Gifts of books.

Dr. E. T. Hamy—A copy of his "Journal de la Societe des Americanistes de Paris, 1904."

Mr. Oscar Collet—A collection of historical books and pamphlets.

For the publications of the:

American Humane Association, Boston.

Belgium—Academie Royale de Belgique.
Commission Royale d'Histoire.
Ministere des Chemins de Fer
Service Belge des Echanges.

Bunker Hill Monument Association.

Canada—Department of Agriculture.
Geological Survey.
Royal Society of Canada.

Fairmount Park Association, Philadelphia.

Field Columbian Museum.

Hebrew Union College.

Indiana Horticultural Society.

Lake Mohonk Conference.

London—Society of Arts.

Massachusetts State Board of Charities.

Newberry Library, Chicago.

New York State Library.

Pratt Institute Free Library.

Reale Academia del Lincei, Rome.

Smithsonian Institute.

St. Louis—Academy of Science.
Mercantile Library.

United States Government.

Universidad de Buenos Ayres.

University of the State of New York.

Undergraduate Department

It comprises:—

I. The College.
II. The Academy.
III. The Commercial Department.
Preparatory.
IV. The Military Department.

Introductory Statement.

SCOPE.

The purpose of St. Louis University in its Undergraduate Department is to educate in the completest sense, that is, to develop fully and harmoniously the faculties of the whole man—intellectual, moral and physical. It assumes that on this harmonious development will depend the character of the students and the measure of their future utility to themselves and to the community; and it aims to give that solid training of both mind and heart which will make for this development and will fit the student for the just interpretation and use of life.

In the **intellectual training** of its undergraduate students the institution does not offer many or varied courses, or permit a wide electivism or encourage a premature specialization; but it aims at laying a solid foundation in the elements of knowledge and at opening the mind to a generous share in the culture of life. For this reason the studies are chosen, each for its distinct and peculiar educational value and as a part in a complete and nicely adjusted system. The studies are so graded and classified as to be adapted to the mental growth of the student and to his orderly acquisition of knowledge. Hence, some of the studies usually seen in the high school course are postponed to the college course; and some studies usually completed in a summary way in the high school are continued in the college course and are rounded out and perfected.

It is one of the decided advantages of the system followed in the University, that the student in the classical course may begin his studies in the Academy, and then pass on through the college course to graduation in the same institution. This secures, besides the moral influence thus gained, a uniform and homogeneous course of teaching and of training. The result of such a course of study is a continuous and normal development of the mental faculties along well defined lines, and the possession of a clear and coherent system of principles upon which any special courses may afterwards safely rest.

In its **moral training** the University aims at building the conscience of its students for the right fulfilment of their civil, social and religious duties. There is insistence on the cultivation of the Christian virtues which operate for this fulfilment; and as the only solid basis of virtue and morality, thorough instruction in the principles of religion forms an essential part of the system. Students of any denomination are admitted to the courses, and all are required to show a respectful demeanor during the ordinary exercises of public prayer; but the Catholic students are required to attend the classes in Christian Doctrine, to be present at the chapel exercises, to make an annual retreat, and to approach the sacraments at least once a month.

OPERATION.

Examinations. Semi-annual examinations are held in Senior Year, and in the philosophy of Junior Year; in all the other classes of the College, Academy and Commercial Department the examinations are bi-monthly. The final examination covers the work from December.

Class Standing. The student's progress is indicated by the combined result of these examinations and his class-work. "Class-work" is the record of the student's attendance and of his satisfactory work during the hours of class. It counts half, equally with the examinations, in his standing. Markings are on the scale of 100. An average below 75 shows an unsatisfactory standing; an average below 67 is failure to pass.

Parents and guardians should observe that absence and tardiness, even when excusable, affect the class-work, and consequently the student's standing and his chances for promotion.

Bulletins. After each examination a bulletin of the student's standing is sent to the parents or guardians. The bulletins are sent not later than November 10, January 1, March 10, May 10 and July 1. The Vice-President should be notified if the bulletins are not received in due time.

Promotions. Promotions to a higher grade are regularly made at the beginning of the academic year; but they will be made at any time when the student's progress justifies them. Students whose average for the year in each of three principal branches, or whose gen-

eral average in all their branches, is less than 67 will not be allowed to pass to a higher grade. Students who have fulfilled these conditions, but who have failed in any study, will be "conditioned" in that study, and will not be promoted until the condition be removed by a satisfactory examination.

HONORS AND PRIZES.

Class Honors.

As the examinations are competitive, the combined examination and "class-work" record is publicly proclaimed in the bi-monthly assemblies, and honors are awarded to the leaders. At the close of the year a gold medal is awarded to the student who makes the highest percentage in the collective branches of his class. Those whose average is 90 per cent and upward merit the distinction of First Honors; and those whose average is between 85 and 90, Second Honors. Besides these incentives to general endeavor, special mention is made in the catalogue of those who have obtained first and second places in the various branches of their classes.

Special Prizes.

Intercollegiate English Prize.—A purse of $100.00 ($75.00 for the first prize and $25.00 for the second), is offered yearly by Mr. D. F. Bremner, of Chicago, for excellence in English essay writing. The purse is open to the competition of the Jesuit Colleges in Cincinnati, Chicago, St. Mary's (Kansas), Detroit, Milwaukee, Omaha and St. Louis.

Intercollegiate Latin Prize.—For the best Latin essay from competitors of the same colleges, a gold medal is offered by Very Rev. Joseph Grimmelsman, S. J., Provincial.

Kielty Catechetical Medal.—A gold medal for the best catechetical essay is offered by the Rev. Francis M. Kielty, Rector of Holy Angels' Church, St. Louis.

Drew Scientific Medal.—A gold medal for the best scientific essay is offered by Mr. Francis A. Drew, St. Louis.

Green Oratorical Medal.—A gold medal for the best oration is donated by Mr. Charles Green, St. Louis.

Shea Latin Medal.—A gold medal for the best Latin essay by a member of the Undergraduate Department is offered by Rev. E. J. Shea, Rector of St. Kevin's Church, St. Louis.

Byrnes Philosophical Medal.—A gold medal for the best philosophical essay is offered by Mr. James W. Byrnes, St. Louis.

Clarke Military Trophy.—For the best "Squad Drill," Mr. Walter Semmes Clarke, Chicago, donates a gold medal to he held as a trophy by the successful company until the next annual competition.

GENERAL REGULATIONS.

1. Attendance. As regular attendance is an important element in class-standing and an essential condition for successful work, students must not be detained or withdrawn from classes except for very grave reasons. For absence, for tardiness, or for permission to withdraw before the close of the daily session, a note from the parent or guardian will invariably be required. Mere absence does not excuse a student from the obligation of preparing his ordinary recitations or relieve him from any part of his examinations. Frequent absence or tardiness, except on account of sickness, is sufficient cause for dismissal.

2. Home Study.—All the endeavors of the Faculty will fail to insure success for the students, unless they apply themselves to their studies with diligence and constancy outside of class hours. Approximately twenty-five hours each week are spent in class work; and to prepare the recitations and exercises for this work, as well as to review the matter previously seen, at least fifteen hours of home study each week, or from two to three hours daily, are required. Parents and guardians are, therefore, respectfully urged to insist on this application.

3. Communications. Due notice should be given to the President or to the Vice-President of a change of residence, or of the contemplated withdrawal of a student.

The College

The College

OFFICERS AND FACULTY.

REV. W. BANKS ROGERS, S. J.,
President.

REV. ARNOLD J. GARVY, S. J.,
Vice-President and Prefect of Studies.

REV. LEOPOLD BUSHART, S. J.,
Treasurer.

REV. SIMON J. NICOLAS, S. J.,
Prefect of Discipline, Professor of Civics.

REV. WILLIAM T. KINSELLA, S. J.,
Lecturer on Evidences of Religion, Mental and Moral Philosophy.

REV. JAMES T. FINN, S. J.,
Professor of English Literature.

REV. WILLIAM H. FANNING, S. J.,
Professor of History.

REV. THOMAS A. O'MALLEY, S. J.,
Professor of Latin, Greek and English in Sophomore Year.

REV. JOHN C. BURKE, S. J.,
Professor of Latin, Greek and English in Freshman Year.

CHARLES H. CLOUD, S. J.,
Professor of Physics.

JOHN P. MORRISSEY, S. J.,
Professor of Chemistry.

FRANK W. SMITH,
Instructor in Biology.

JOHN H. GROLLIG, S. J.,
Instructor in German.

REV. JOHN KIELY, S. J.,
Instructor in French.

REV. EMMANUEL PEYPOCH, S. J.,
Instructor in Spanish.

REV. DAVID M. JOHNSON, S. J.,
Instructor in Elocution.

The College

COURSE OF STUDIES.

I.

COMBINED MEDICAL AND COLLEGE COURSE.

The avowed policy of the University is to encourage in every way possible the gaining of a broad, general education as a foundation for the profession.

In no profession is there greater need for such training than in medicine. As a preliminary step in this direction the Collegiate and Medical Departments offer an optional six-year course, including two years of collegiate work in arts and science, followed by two years of study in the fundamental branches of medicine. This work leads to the degree of Bachelor of Science. Upon the completion of the following two years of clinical study, the degree of Doctor of Medicine is attained.

As an entrance requirement, the student must have completed the Academy or High School course, or its equivalent.

College Course.

First Year.	Hours.	Second Year.	Hours.
Logic and Cosmology	5	Latin, or Greek, or German	5
Latin	5	Psychology	5
Physics	5	Chemistry	5
Trigonometry	3	Ethics	5
English	4	Higher Algebra	2
History	2	Biology	2
Elocution	1	Elocution	1
Christian Doctrine	1	Christian Doctrine	1
	26		26

Medical Course.

Third Year	Freshman Course	Medical School
Fourth Year	Sophomore Course	" "
Fifth Year	Junior Course	" "
Sixth	Senior Course	" "

The Degree of B. S. is granted at the end of the fourth year of this Combined Course; the Degree of M. D. at the end of the sixth year.

II.

CLASSICAL COURSE.

The Classical Course is designed to impart a thorough liberal education. In the accomplishment of this purpose the ancient classics hold the first place as the most efficient instrument of mental discipline. Besides English, Latin and Greek, this course embraces Religious Instruction, Mental and Moral Philosophy, Biology, Astronomy and Mathematics, History, Literature, the Natural Sciences, the Modern Languages—in a word, all the usual branches of a thorough education. Experience has proved that this course best develops all the faculties, forms a correct taste, teaches the student how to use all his powers to the greatest advantage and prepares him to excel in any pursuit, whether professional or commercial. This course embraces four years, and leads to the degree of Bachelor of Arts.

As an entrance requirement, it presupposes the academic or high school course.

Schedule of Studies.

FRESHMAN.

	Hours.
Latin—Course I	5
Greek—Course I	5
English—Course I	4
Science—Course I	5
History—Course I	2
Mathematics—Course I	3
Christian Doctrine—Course I	1
Elocution—Course I	1
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SOPHOMORE.

	Hours.
Latin—Course II	5
Greek—Course II	5
English—Course II	4
Science—Course II	4
History—Courses II, III	3
Mathematics—Course II	3
Christian Doctrine—Course II	1
Elocution—Course II	1
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JUNIOR.

	Hours.
Philosophy—Courses I. II, III, IV	5
Science—Courses III, IV	7
Latin—Course III	3
Greek—Course III	2
English—Course III	4
Mathematics—Course III	2
Christian Doctrine—Course III	1
History—Course IV	1
Elocution—Course III	1
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SENIOR.

	Hours.
Philosophy—Courses V, VI, VII	8
Mathematics—Course IV	3
Science—Courses V, VI	4
English—Course IV	4
History—Course V	2
Christian Doctrine—Course IV	1
Elocution—Course IV	1
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Outline of Classical Course.

PHILOSOPHY.

Course I. Dialectics (Junior Year).—Five hours a week, one-half term.

The Province of Logic, Formal and Material. The Foundations of Logic. The Principles of Contradictions. Identity. Causation. Excluded middle. Simple apprehension; modern errors. Universal ideas. Propositions: their nature and divisions; Opposition and Conversion. Reasoning. The Syllogism and its Laws. Formal and material Induction. Fallacies.

Course II. First Principles of Knowledge. Applied Logic (Junior Year).—Five hours a week, one-half term.

The nature of Certitude; kinds and degrees. Truth. Universal skepticism. Cartesian doubt. Criterion of Certitude; Objective Evidence. Trustworthiness of the Senses and Intellectural Powers. Objectivity of ideas. Belief on Human and Divine Testimony.

Course III. General Metaphysics (Junior Year).—Five hours a week, one-half term.

The concept of being. Essence and existence. Possible being. The Positivist school. Transcendentalism. Attributes of being: Unity, Truth, Goodness, Substance and Accident. Personality. Quantity. Quality. Relation. Principle and cause. The Principle of Causality. Perfections of being. Infinity. Necessity. Order and Beauty.

Course IV. Cosmology (Junior Year).—Five hours a week, one-half term.

Creation. Pantheism. General principles. Ancient and Modern Pantheists. Purposes and perfection of the Universe. Laws of Nature. Miracles. Occult Powers. Spiritism. Hypnotism. Constitution of bodies. Atomism. Dynamism. Vortex Theory. Properties of Matter. Time and Space.

Course V. Psychology (Senior Year).—Five hours a week, one term.

Life, Vegetative, Animal, Intellectual. Organic bodies essentially different from inorganic. Life. Protoplasm. Vital principle, distinct from physical and chemical forces. Animals sentient not rational. Instinct. Natural Selection. Lapsed Intelligence. Rational life. Essential difference between sense and reason.

The Soul.—A simple, spiritual substance. False theories of the Ego. Monistic theories. Individuality. Unity. Identity of the principle of the vegetative, sentient and rational life in man. Union of soul and body. Occasionalism. Scholastic doctrine. Locus of the soul. Localization of cerebral functions. Time of origin. Origin of the soul. Creationist doctrine. False theories. Neo-Scholastic doctrine. Theory of Evolution.

Origin of Ideas.—The intellect and brain. Universal and abstract concepts. Innate ideas. Empiricism, Ontologism, Associationism. The Schoolmen. Doctrine of St. Thomas. Attention. Reflection. The soul's consciousness of itself. Sensation. Perception. Psychophysics. The Imagination. Estimative faculty. Sensuous appetite and locomotion. Voluntary, automatic, reflex, impulsive movements. Feeling.

Rational Appetency.—The human will. Desire and volition. Spontaneous and deliberate action. Choice. Self-control. Free-will and Determination. Fatalism. The Emotions. Hypnotism.

Course VI. Natural Theology (Senior Year).—Three hours a week, one term.

The Existence of God. Method of proof. Ontologism. Traditionalism. The "Ontological Proof" of St. Anselm. Metaphysical, Cosmological, Moral arguments. Atheism. Agnosticism; its religious and moral consequences. The Physical and Metaphysical Essence of God. Infinite Perfection. Unity of God. Pantheism. "Anthropomorphism." Immortality, Eternity and Immensity of God. The Divine Intellect and Knowledge. The Free Will and Omnipotence of God. God creating, preserving, concurring with creatures. Divine Providence.

Course VII. Ethics (Senior Year).—Eight hours a week, one term.

General Ethics.—Nature, object, necessity of Ethics. Fundamental principles. False theories. The ultimate end of man. Use of the present life. Human acts. Merit and Accountability. Virtue and vice. Nature of morality. Standards of morality. Hedonism and Utilitarianism. The moral sense. Determinants of morality. Law. The Eternal Law. The Natural Law; its properties and sanction. Origin of moral obligation. False theories. Conscience.

Special Ethics.—Rights and duties. Worship of God. Obligation of accepting Divine Revelation. Rationalism. Indifferentism. Suicide. Self-defense. Homicide. Lying and mental reservation.

Right of ownership. Communism. Socialism. "Single Tax."

Modes of acquiring property. Contracts. Relations of Capital and Labor. Employers' Unions. Trade Unions. Strikes.

Society in general. The Family. Divine institution, unity and indissolubility of marriage. Parental authority. Education. Civil society; its nature, end and origin. False theories. Forms of civil government. Citizenship. Universal suffrage. Functions of civil government; legislative, judiciary, executive. Taxation. Death penalty. Freedom of worship. Freedom of the Press.

International law. Foundations of international law. Mutual relations of nations. Right of commerce. Intervention. Rights of neutrals. War and arbitration.

TEXT-BOOKS AND REFERENCES.—Russo, S. J.; Jouin, S. J.; Hill, S. J.; Maher, Rickaby, Boedder, S. J. (Stonyhurst Series). Coppens, S. J.; Liberatore, S. J.; Poland, S. J.; Lahousse, S. J.; Harper, S. J.; Devas' Political Economy. Thein's Christian Anthropology.

LATIN.

Course I. (FRESHMAN YEAR).—Five hours a week.

Composition.—Exercises in Latin composition each week. Exercises in Latin verse composition, including imitations of Horace. Sight translation and Latin Conversation.

Authors. FIRST TERM.—Cicero, "Pro Archia;" Virgil, "Aeneid;" (2 books); Horace, "De Arte Poetica;" Quintilian, Book X.

SECOND TERM.—Horace "Odes" (Selected); Livy, Books, XXI, XXII; Select Christian Lyrics.

Course II. (SOPHOMORE YEAR).—Five hours a week.

Composition.—Written compositions in imitation of Cicero required each week. Elegant translations. Oratorical analyses of authors. Latin orations. Sight translation and Latin Conversation.

Authors. FIRST TERM.—Cicero, "Pro Lege Manilia;" Horace, "Epodes," "Satires," "Epistles" (Selections); Tacitus, "Annals" (2 books).

SECOND TERM.—Cicero "Pro Milone" and "Pro Ligario;" Juvenal, "Satires;" Tacitus, "Agricola."

Course III. (JUNIOR YEAR).—Three hours a week.

Composition.—Latin dissertations on assigned subjects, oral and written. Slight translation and Latin Conversation.

Authors. FIRST TERM.—Cicero, "De Officiis;" "Somnium Scipionis; "Plautus," "Duo Captivi;" Seneca, "Opera Philosophica."

SECOND TERM.—Cicero, "Quaestiones Tusculanae;" Pliny, "Letters" (Westcott); Lucretius, "De Origine Rerum;" or one tragedy, "Hercules Furens."

GREEK.

Course I. (FRESHMAN YEAR).—Five hours a week.

FIRST TERM.—Homer, "Iliad" (two books); The Bucolic Poets: Theocritus, Bion, Moschus (Selections).

SECOND TERM.—Homer, "Odyssey;" Euripides, "Hecuba," or, "Medea;" Herodotus (Merry's Selections).

Course II. (SOPHOMORE YEAR).—Five hours a week.

FIRST TERM.—Demosthenes, "Philippica I, III;" Aeschines, "In Ctesiphontem;" Sophocles, "Oedipus Tyrannus."

SECOND TERM.—Demosthenes, "Olynthiacs 1 and 2;" Sophocles, "Oedipus Coloneus;" Thucydides, Book II. St. John Chrysostom. "Eutropius."

Course III. (JUNIOR YEAR).—Two hours a week.

FIRST TERM.—Aeschylus, "Agamemnon;" Plato, "Gorgias;" St. Basil, "In Gordium Martyrem;" or "On the Reading of Books."

SECOND TERM.—Plato, "Phaedo;" Pindar, Odes, selected; Sophocles, "Antigone;" or Aristophanes, "The Birds."

ENGLISH.

Course I. (FRESHMAN YEAR).—Four hours a week.

Precepts.—Literary Aesthetics. The Beautiful. The Physical and Moral Sublime. Criticism. Taste. Imagination. Sentiment. Poetry, Nature and Divisions. Narrative Poetry. The Epic. Metrical Romance. The Ballad. Descriptive Poems.

Lyric Poetry: Varieties. Essays. Novels.

REFERENCES.—Kleutgen, Schlegel, Blair, Genung, Sydney, Sted man, Ward, Aristotle's "Poetics," Brander Matthews.

Literature.—Biography and estimate of Poets, Essayists and Novelists.

AUTHORS.—"Paradise Lost," Bks. I., IV, and V. Dante, Divina Commedia, 3 Cantos. "Lycidas," "Sohrab and Rustum;" Dryden's "Alexander's Feast;" Shelley's "Adonais;" Lyrics of Herrick, Wordsworth, Longfellow, Tennyson, Francis Thompson; Pope's "Essay on Criticism" in connection with Horace. Prescott's and Macaulay's Critical Essays. "The Spectator;" "Tatler;" Novels of Scott, Thackeray, Dickens, Hawthorne.

Practice.—Original papers in poetry and essay writing. Critical essays, analysis and discussion of authors. Memory passages.

Course II. (SOPHOMORE YEAR).—Four hours a week.

Precepts.—Nature and theory or Oratory; Deliberative, Forensic, Demonstrative, Sacred. Sources of success. Invention of thought. Topics, Arguments, Methods.

REFERENCE.—Quinctilian. Kleutgen. Blair. Genung.

Literature. Biography and estimate of Orators and Historians.

AUTHORS.—Webster, "Bunker Hill Orations;" "Address on Adams and Jefferson;" "Knapp's Trial;" "Reply to Hayne;" Burke, "American Taxation," and "Address to the Bristol Electors." Speeches in "Paradise Lost," Bk. 2; and in "Julius Caesar." Selections from Chatham, Sheridan, Clay, Calhoun. Lincoln's Gettysburg Address. Newman's "Second Spring." Historical essays of Macaulay, Prescott, Spalding, Newman.

Practice.—Weekly orations on current topics, in imitation of models. Original historical essays. Critical essays, analyis, and dis cussion of Orators and Historians. Memory passages.

Course III.—(JUNIOR YEAR).—Four hours a week.

Precepts.—Dramatic Poetry; Tragedy, Comedy; their Origin, History and Development. Nature, Characteristics. Laws and theories of Dramatic Composition.

REFERENCE.—Blair, Schlegel, Jevons, Moulton, Symonds, Hazlitt, Baumgartner, Gervinus, Dowden.

Literature.—Biography and estimate of Dramatists, ancient and modern.

AUTHORS.—General and comparative study of dramatic compositions. Greek and Roman tragedy and comedy. French comedy; Moliere and his influence. The Interlude. Miracle and Mystery Plays. The modern drama. The Renaissance. The French Tragic Drama. Corneille and Racine. The Spanish drama. Lope de Vega and Calderon. The English drama. Shakespeare and his predecessors. The drama of the Restoration. The German drama. Lessing, Goethe and Schiller. The Romantic School. The Problem Play.

Practice.—Critical essays; analysis and discussion of authors, plots, morals, characters, etc. Class study and analysis of "Everyman," "The Alchemist," "The Merchant of Venice," "Macbeth," "The Tempest," "Midsummer Night's Dream," "King Lear." Memory passages.

Course IV. (SENIOR YEAR).—Four hours a week.

Precepts.—Philosophy of Literature. Canons of Criticism. The Scientific and Philosophical Essay. Its form and style. The Thesis, introduction, statement, explanation, proofs, refutation.

Literature.—Biography and estimate of English Philosophers.

AUTHORS.—Stonyhurst Series. Balmes, Wiseman, Newman, Brownson, Emerson, McCosh, Manning, Tyrrell, Gerard.

Practice.—Papers on philosophical and literary subjects. Oral and written criticisms of papers presented in class.

N. B.—A written thesis is required of candidates for degrees.

PRACTICAL ORATORY AND DEBATING.

Course I.—Two hours a week.

The object of this course is to train students to readiness and fluency in public speaking. To this end it is conducted according to strict parliamentary practice. The literary and oratorical exercises are always under the direct supervision of a memebr of the Faculty. They are as follows:—

Declamation and Elocutionary Reading. Criticism and Discussion of interpretation and delivery. Composition and reading of stories, poems and essays, historical, critical, or personal. Set orations illustrative of the precepts for oratorical composition. Extempore speaking. The theory and practice of parliamentary law. Debates.

EVIDENCES OF RELIGION.

Course I. (FRESHMAN YEAR).—One hour a week.

FIRST TERM.—The Church as a means of Salvation. The last things. Christian morals. Basis of morality. Law. Conscience. Free Will. Moral good and moral evil. The Christian's duty towards God. Faith, Hope, Charity.

SECOND TERM.—The virtue of religion. Direct act of religion. Indirect acts. Veneration of Saints, etc. The Christian's duties towards himself and his neighbor. Christian perfection.

Course II. (SOPHOMORE YEAR).—One hour a week.

FIRST TERM.—Creation. The Spiritual World. The Material World. Man and the Fall. God the Redeemer. The person and nature of the Redeemer. The work of the redemption. Grace; actual, habitual, sanctifying.

SECOND TERM.—The Sacraments in general. Baptism. Confirmation. The Blessed Eucharist as a Sacrament and as a Sacrifice. The Sacrament of Penance. Extreme Unction. Holy Orders. Matrimony. The Theological Virtues. The Four Last Things.

Course III. (JUNIOR YEAR).—One hour a week.

FIRST TERM.—Christianity, a revealed religion. Revelation in general. Pre-Christian revelation. The Christian revelation. The Church; its Constitution, Institution, and End.

Second Term.—Marks of the Church. Teaching Office of the Church. Holy Scripture. Tradition. The Rule of Faith. The existence of God. Nature and Attributes of God. Unity of God. The Trinity.

Course IV. (Senior Year).—One hour a week.

General review, with special study of the more important points of doctrine and morals. Critical analysis of controverted dogmas, and tenets of the sects.

HISTORY.

Course I. English History. (Freshman Year).—Two hours a week.

First Term.—The Romans in Britain. Anglo-Saxon Conquest. The Conversion of England. Mercia and Wessex. The Danish Conquest. The Norman Invasion. William the First to Henry the Sixth. The War of the Roses. Edward the Fourth to James the First.

Second Term.—Charles the First and the Struggle with Parliament. The Civil War and Commonwealth. Charles the Second to Creation of Colonial Empire. Loss of American Colonies. War with Napoleon. George the Fourth to Edward the Seventh. Colonial Imperialism.

Course II. (Sophomore Year).—Two hours a week.

First Term.—**Church History.** The Ante-Nicene Church. The Benedictines. St. Gregory and the Missionaries. The Dark Ages. Charlemagne. Gregory VII and Investitures. Boniface and Philip the Fair. The Crusades. Scholasticism. Education in general. The Schism of the West. The Renaissance. The Reformation. Jansenism. The French Revolution. Modern Times.

Second Term.—**Political History of the United States.** Settlement of Virginia and Massachusetts. French and Indian Wars. Causes of the Revolution. Articles of Confederation. Adoption of the Constitution. Rise of Political Parties. Virginia and Kentucky Resolutions. Foreign Relations. The Louisiana Purchase. The Hartford Convention and War of 1812. South Carolina and Nullification. The Bank of North America. Slavery Question. Texas and the Mexican War. The Abolition Party. The Civil War. The Tariff. The Spanish War. Annexation.

Course III. Civics. (Sophomore Year).—One hour a week.

First Term.—**Principles of Government.** General Principles. State Governments: their basis. Elections. Legislative, Executive

and Judicial Departments. National Government. Origin and Nature, Legislative, Executive and Judicial Departments.

SECOND TERM.—**Principles of Law.** Civil Rights in General. Contracts. Real Estate. Criminal Law. International Law. Relations of nations in peace and in war.

Course IV. Philosophy of History. (JUNIOR YEAR).—One hour a week.

FIRST TERM.—The beginnings of history. Its sources and development. Primitive nations. Points of similarity and difference. Forces of natural life. Religion, literature, location. Common aids. Modern nations.

SECOND TERM.—Nature and general laws of history. Sources of historical information. Requisites of the historian. General reliability of history. Special sources of error. False statements. Suppression of facts. Partiality. Prejudice. False theories.

Course V. History of Philosophy. (SENIOR YEAR).—Two hours a week.

FIRST TERM.—Ancient Philosophy: The Vedas. Theories of Egypt and Asia. The Ionic School. The Pythagoreans. The Sophists. The Socratic School. The Epicureans. The Stoics. The Skeptics. The Syncretists and Roman Philosophy. Jewish-Alexandrian Philosophy. Neo-Pythagoreanism. Neo-Platonism. The Fathers of the Church. The Gnostics. The Schoolmen. The Mystics. The Revival of Platonism, of Aristotelianism. Arabian and Jewish philosophy.

SECOND TERM.—Modern Philosophy. Descartes and his followers. Malebranche, Spinoza, Bayle, Locke, Hume, the Encyclopedists, Leibnitz, Wolff, Berkeley, Rousseau, The Scottish School, The Transcendentalists: Kant, Fichte, Hegel, Schelling, and their schools of thought. Positivism. Modern Evolution theories. The Neo-Scholastics. Thomistic philosophy.

MATHEMATICS.

Course I. (FRESHMAN YEAR).—Plane and Spherical Trigonometry, and Surveying (Wentworth). Three hours a week.

FIRST TERM.—Plane Trigonometry; Right and oblique triangles; Problems and Applications; Algebra, one hour a week.

SECOND TERM.—Spherical Trigonometry and Geometry; Right and Oblique Triangles; Gauss' Equations; Napier's Analogies; Problems; Surveying; Field Work.

Course II. (Sophomore Year).—Analytic Geometry (Wentworth. Three hours a week.

Loci and Equations. The Straight Line. The Circle. Different Systems of Co-ordinates. The Parabola. The Ellipse. The Hyperbola. Loci of Second Order. Higher Plane Curves.

Course III. (Junior Year).—Higher Algebra (Wentworth). Two hours a week.

Review to radical expressions. Ratio. Proportion. Variation. Series. Chance. Binomial Theorem. Indeterminate. Co-efficients. Theory of Numbers. Determinants. Theory of Equations.

Course IV. (Senior Year).—Differential and Integral Calculus (Taylor). Three hours a week.

Differentiation—algebraic, logarithmic and exponential functions. Integration and application to Geometry. Successive differentiation and integration. Development of functions in series. Maxima and minima. Tangents, normals, and asymptotes. Problem work.

SCIENCES.

CHEMISTRY.

Course I. (Freshman Year).—Five hours a week.

First Term.—Inorganic Chemistry. Fundamental Laws and theories. Air. Water. Hydrogen. Oxygen. Nitrogen. Halogens. Non-Metals. and their Compounds. Laboratory work.

Second Term.—Review of the laws and theories. Metals and their compounds. Organic Chemistry. Hydrocarbons. Scientific and Commercial applications. Laboratory work.

PHYSICS.

Course II. (Sophomore Year).—Four hours a week.

First Term.—Mechanics. Kinematics. Dynamics. Statics. Gravitation. The Pendulum. Constitution of Matter: Solids, Liquids, Gases. Properties and Laws. Specific Gravity.

Second Term.—Sound: Analysis of Vibration. The Wave Theory. Physical theory of Music. Heat: General effects. Vaporization. Latent Heat. Specific Heat. Thermodynamics.

Course III. (Junior Year).—Four hours a week.

First Term.—Light: Transmission. Reflection. Refraction. Spectrum Analysis. Polarization. Diffraction. Interference. Theories of

Light. Magnetism: Induction. Lines of Force. Terrestrial Magnetism. Electrostatics: Induction. Condensation. Electrical Potential. The Holtz and the Wimshurst machines. Lines of Force.

SECOND TERM.—Electrokinetics: Batteries. Galvanometers. Electrical Measurements. Electro Magnetic Induction. The Dynamo, The Motor. Transformers. Direct, Alternating, and Multiphase currents. Tesla effects. Crookes Tubes. Roentgen Rays and Radioactivity. Laboratory work.

BIOLOGY.

Course IV. (JUNIOR YEAR).—Three hours a week.

General biology of cell, animal and plant. Morphology, physiology, development and classification. Unicellular organisms. Multicellular plants and animals.—Microscopic studies and dissections. Laboratory and Field Work.

GEOLOGY.

Course V. (SENIOR YEAR).—Two hours a week.

DYNAMICAL GEOLOGY.—Winds, Weathering, Rivers, Glaciers, Lakes The Ocean, Volcanoes, Earthquakes.

STRUCTURAL GEOLOGY.—Rock-forming Minerals, Composition and Structure of Rocks. Physiographic Structure.

HISTORICAL GEOLOGICAL.—Archaean, Paleozoic, Mesozoic, Cenozoic and Psychozoic Eras.

ASTRONOMY.

Course VI. (SENIOR YEAR).—Two hours a week. The Doctrine of the Sphere. The Earth, Moon, Sun, Eclipses. Celestial Mechanics The Planets and Asteroids. Comets and Meteors. The Stars. Uranography.

PRACTICE.—Use of transit circle and of the Equatorial. Use of the Ephemeris. Calculation of Eclipses. Use of the Spectroscope.

ELOCUTION.

Course I. (FRESHMAN YEAR).—One hour a week.

Vocal Culture and Gesture Drill of preceding years reviewed and perfected. Analysis of the passions; interpretation and delivery. Concert Drill.

Course II. (Sophomore Year).—One hour a week.

Interpretation and rendition of oratorical and poetical selections. Character study and interpretation. Concert Drill.

Course III. (Junior Year).—One hour a week.

Theory and Practice. Interpretation and rendition of various species of dramatic selections; Tragedy, Comedy, etc. Dialogues and Scenes. Descriptive and Narrative Readings.

Course IV. (Senior Year).—One hour a week.

Theory and practice. Mutual criticism of interpretation and delivery. Discussion. Dramatic and Bible Readings. Extempore Speaking.

N. B.—Much private instruction is given, in preparation for public and private contests and dramatic performances.

MODERN LANGUAGES

See page 62.

MUSIC

See page 65

THE COLLEGE

Schedule of Recitations

SENIOR	JUNIOR	A. M.	SOPHOMORE	FRESHMAN
Calculus—M. T. W. Astronomy—F. S.	Philosophy	9:00	Latin	Latin.
Philosophy	Latin—M. T. W. Greek—F. S.	10:15	Greek	Greek
Geology—M. F.	Physics—M. W. F. S. Biology—T.	11:00	Physics—M. W. F. S. Civics—T.	Chemistry.
Chr. Doctrine—T. S.	Drill—M. W. F. Chr. Doctrine—T. S.	P. M. 12:45	Drill—M. W. F. Chr. Doctrine—T. S.	Drill—M. W. F. Chr. Doctrine—T. S.
Philosophy—M. T. W. Hist. of Philos.—F. S.	Biology—M. W. Algebra—T. S. Elocution—F	1:15	Anal. Geom.—M. W. S. History—T. F.	Trigonometry—M.W.S. History—T. F.
English—M. T. F. S. Elocution—W.	English—M. T. F. S. History—W.	2:00	English—M. T. W. F. Elocution—S.	English—M. T. W. F. Elocution—S.

The Academy

The Academy.

OFFICERS AND FACULTY

REV. W. BANKS ROGERS, S. J.,
President.

REV. ARNOLD J. GARVY, S. J.,
Vice-President, Prefect of Studies.

REV. SIMON J. NICOLAS, S. J.,
Prefect of Discipline.

REV. LEOPOLD BUSHART, S. J.,
Treasurer.

REV. DAVID M. JOHNSON, S. J.,
Instructor in Humanities Class, Christian Doctrine.

REV. JOHN C. BURKE, S. J.,
Instructor in Christian Doctrine.

CHARLES H. CLOUD, S. J.,
Instructor in Geometry, Elocution.

FRANKLIN J. STANLEY, B. S.,
Instructor in Bookkeeping, Stenography and Typewriting.

WILLIAM A. PADBERG, S. J.,
Instructor in First Academic Class, History.

JOHN M. FARRELL, S. J.,
Instructor in First Academic Class, Elocution.

ALOYSIUS H. ROHDE, S. J.,
Instructor in Second Academic Class.

JOHN P. MORRISSEY, S. J.,
Instructor in Christian Doctrine.

REV. LAWRENCE J. KENNY, S. J.,
Instructor in Special Classics.

THOMAS J. SMITH, S. J.,
Instructor in Third Academic Class.

CHARLES E. SCHUETZ, S. J.,
Instructor in Third Academic Class, Elocution.

FRANCIS X. FOSS, S. J.,
Instructor in Third Academic Class.

REV. JOSEPH C. RENO, S. J.,
Instructor in Christian Doctrine.

REV. ALOYSIUS J. ROTHER, S. J.,
Instructor in German.

JOHN H. GROLLIG, S. J.,
Instructor in German.

REV. JOHN B. KOKENGE, S. J.,
Instructor in German.

REV. EMMANUEL PEYPOCH, S. J.
Instructor in Spanish.

CYRUS A. TELESE, S. J.,
Instructor in Spanish.

JOHN B. LOUIS. S. J.,
Instructor in French, Drawing.

MARTIN A. DELANEY,
Physical Instructor.

The Academy.

INTRODUCTORY STATEMENT.

The four classes of the Academy, called respectively Third Academic, Second Academic, First Academic, and Humanities, correspond more or less to the four years of the ordinary high school. There are two principal differences:

(a). As it is one of the advantages of the students in this institution that they can begin their studies in the Academy and continue them in an unbroken course through the College to graduation, there is a more systematic development and a closer correlation of studies in the College and Academy of the University than is usually found when the high school and college are wholly separate institutions. Hence, some of the usual high school studies, as Physics, are postponed to the college course that they may be better suited to the age and mathematical training of the students; and some studies, as Rhetoric, are not cursorily completed in the Academy, but are continued and perfected in the College.

(b). Owing to the unequal preparation of candidates coming from the primary schools, it has been found practically necessary to repeat some portions of the elementary branches that there may be a solid basis for the classical course of the Academy and the College. This has been made possible by the longer terms and the greater number of class hours in the week than is usual in other institutions. Hence, for the present, pupils who have successfully finished the seventh grade may be admitted to the Third Academic Class.

SCHEDULE OF STUDIES.

THIRD ACADEMIC

	Hours.
Latin—Course I	8
English—Course I	5
Mathematics—Course I	5
History—Course I	3
Science—Courses I, II	3
Christian Doctrine—Course I	1
Elocution—Course I	1
	26

SECOND ACADEMIC

	1st term	2nd term
	Hours.	Hours.
Latin—Course III	8	5
Greek—Course I		5
English—Course II	5	4
Mathematics—Course II	5	5
History—Course II	3	2
Science—Courses III, IV	3	3
Christian Doc.—Course II.	1	1
Elocution—Course II	1	1
	26	—

FIRST ACADEMIC.

	Hours.
Latin—Course IV	5
Greek—Course III	5
English—Course III	4
Mathematics—Course III	5
History—Course III	2
Science—Course V	1
Christian Doctrine—Course III.	1
Elocution—Course III	1
	24

HUMANITIES.

	1st term, 2d term.	Hours.
Latin—Course V		5
Greek—Course IV		5
English—Course IV		4
Mathematics—Course IV		4
History—Course IV		2
Bookkeeping—Course I		3
Science—Course VI		1
Christian Doctrine—Course IV.		1
Elocution—Course IV		1
		26

Modern Languages, see page —; Music, see page —.

Courses of Studies.

LATIN.

Course I. (Third Academic).—Eight hours a week.

Precepts: First Term.—Regular Declensions and Conjugations—Rules of Concord.

Second Term.—Review of Declensions and Conjugations with exceptions and irregularities. Elementary Rules of Syntax.

Authors: Historia Sacra; Viri Romae.

Practice: Written exercises in imitation of Author. Memory Lesson: 200 lines each term.

Course II. (Special).—Ten hours a week.

Precepts. First Term.—Declensions and Conjugations, regular and irregular. Elementary Rules of Syntax.

Second Term.—Syntax of Case Constructions, with exceptions.

Authors: Historia Sacra; Cicero (selections); Caesar, Book I.

Practice: Daily Drill on Precepts, and written exercises. Memory Lesson.

Course III. (Second Academic). Eight hours a week, first term. Five hours a week, second term.

Precepts: First Term.—Review of Etymology with irregularities. Syntax of Case Construction, without notes and exceptions.

Second Term.—Thorough Study of Case Construction.

Authors: First Term.—Viri Romae; Cicero (selections); Phaedrus.

Second Term.—Nepos; Caesar, Book I.

Practice: Daily Drill on Rules studied. Longer written exercises in imitation of Author. Oral review once a week. Memory Lesson: 200 lines of Author of each term.

Course IV. (First Academic). Five hours a week.

Precepts: First Term.—Syntax from Moods and Tenses to the end, excluding the more difficult notes. Memory Lesson.

Second Term.—Syntax of First Term repeated, with notes and exceptions. Sight Translation.

Authors: First Term.—Cicero, Selected Letters; Caesar, Books III and IV.

Second Term.—Caesar, Book V; Ovid, "Metamorphoses," Bks. II and VIII, and "Tristia."

Practice: Daily Drill on the Rules seen in the Grammar Written exercises based on Caesar and Cicero. Oral review once a week.

Course V. (Humanities). Five hours a week.

Precepts: First Term.—Syntax reviewed with all the notes.—Prosody begun.

Second Term.—Prosody continued; Comparative Grammar.

Authors: First Term.—Cicero, "De Amicitia," "Pro Marcello;" Virgil, "Eclogues," I and IV.

Second Term. Sallust, "Catilina;" Virgil, "Aeneid," Bks. I and II.

Practice: Written exercises every week in imitation of authors. Sight Translation.

GREEK.

Course I. (Second Academic). Five hours a week. (Second Term.)

Precepts: Regular Declensions. Conjugations of Regular Verbs. Formation of Tenses of Mute and Liquid Verbs.

Authors: Reading Lessons in the Grammar.

Practice: Daily drill in writing Greek in application of Precepts. Translation of simple sentences in writing.

Course II. (Special). Five hours a week.

Precepts: Declensions and Conjugations, regular and irregular. Syntax of Case Constructions.

Authors: Reading Lessons in the Grammar; Xenophon "Anabasis," Bk. I.

Practice: Daily drill on Precepts; written exercises based on Author.

Course III. (First Academic). Five hours a week.

Precepts: First Term.—Review of Etymology, with exceptions and irregularities; Syntax of Case Constructions.

Second Term.—Syntax of Moods and Tenses, without exceptions.

Authors: First Term.—Aesop's Fables or St. Luke's Gospel; Xenophon, "Anabasis," Book I.

Second Term.—Xenophon, "Anabasis," Books II and III.

Practice: Daily Drill on Precepts.—Written exercises based on Authors.

Course IV. (Humanities). Five hours a week.

Precepts: First Term.—Etymology and Syntax reviewed with all notes and exceptions.—Greek word-building.

Second Term.—Comparative Grammar.

Authors: First Term.—Lucian's "Dialogues;" Plutarch; Anacreon (selections).

Second Term.—Xenophon, "Cyropaedia," Book I; or "Memorabilia," Book I; Homer, "Iliad," Book I.

Practice: Written exercises on Syntax in imitation of Authors.

ENGLISH.

Course I. (Third Academic). Six hours a week.

Precepts: Etymology. Analysis of sentences. Sentence building.

Authors: Ruskin's "King of the Golden River;" Dicken's "Christmas Stories;" Hawthorne's "Tanglewood Tales," and "Wonder-Book." Choice selections.

Practice: Daily Drill on Precepts..—Compositions; daily practice in Reading, Orthography and Penmanship.

Course II. (Second Academic). Five hours a week, first term; four hours a week, second term.

Precepts: First Term.—English Syntax.—Discussion of the proper and improper use of the parts of speech.

Second Term.—Analysis of complex sentences in prose and in verse. Logical analysis of paragraphs.

Authors: Brown's "Rab and His Friends;" Irving's "Sketch Book;" Poe's "Gold Bug." Choice selections.

Practice: Daily drill in correction of false syntax or in analysis of sentences. Compositions in simple narratives and descriptions. Daily practice in Reading, Orthography and Penmanship. Memory exercises.

Course III. (First Academic). Four hours a week.

Precepts: First Term.—The choice and Use of Words. Purity. Propriety. Precision. Sentence structure.

Second Term.—Paragraph building. Figures of Speech. Letter Writing.

Authors: Hawthorne's "Twice-Told Tales;" Goldsmith's "Deserted Village;" Gray's "Elegy;" Knight's "Half Hours With the Best Letter Writers;" Field's "Yesterday with Authors."

Practice: Drill in the precepts studied. Compositions in narration, description and letter writing. Memory lesson from poets.

Course IV. (Humanities).—Four hours a week.

Precepts: First Term.—Style; Qualities, Varieties; Wit and Humor.

Second Term.—Species of Prose Composition; Narration, Description, Dialogues, Versification. For Reference: Genung, Hill, Scott.

Authors: Scott's "Lady of the Lake;" Longfellow's "Evangeline," and "Tales of a Way-Side Inn;" Southwell's "Burning Babe;" DeVere's "Foray of Queen Maeve;" Patmore and Tennyson. Selections from Addison, Prescott, Macaulay, DeQuincey, Milton, Shakspeare.

Practice: Compositions in illustration of the precepts and models studied in class. Daily exercises in literal or elegant translation of Latin or Greek author. Practice in versification.

PUBLIC SPEAKING AND DEBATING.

Course I. Two hours a week, besides special individual instruction.

Exercises: Declamations and readings in prose and verse, followed by criticism by the instructor, a member of the Faculty. The writing and reading of original papers on topics of interest. Reviews of select pieces of standard literature and estimates of character chiefly in classic fiction. Regular debates on questions within the mental range of the debaters. Off-hand speaking in rebuttal of argument, or in the transaction of business. The theory and practice of Parliamentary Law in the regular weekly sessions, and in the extraordinary meetings called for the purpose of making a study of this subject.

MATHEMATICS.

Course I. (Third Academic). **Arithmetic.** Five hours a week.

First Term.—Review of Percentage. Drill in the use of the Metric System.

Second Term.—Application of Percentage as far as Ratio.

Course II. (Second Academic). Five hours a week.

First Term.—**Arithmetic.** Interest and the applications of percentage reviewed. Ratio and Proportion. Mensuration.

Second Term.—**Algebra,** to Fractions included.

Course III. (First Academic). **Algebra.** Five hours a week.

First Term.—Review of Fractions. Fractions to Simultaneous Equations

Second Term.—From Simultaneous Equations through Radical Expressions.

Course IV. (Humanities). **Geometry.** Four hours a week.

First Term.—Plane Geometry, Books I, II, III.

Second Term.—Plane and Solid Geometry, Books IV, V, VI, VII.

ELEMENTARY SCIENCE.

Course I. (Third Academic). One hour a week.

Zoology: Mammals, Birds, Reptiles, Amphibians and Fishes. Insects, Crustaceans and Worms. Mollusks and Radiates.

Course II. (Third Academic). Two hours a week.

Geography: Review of essentials of entire geography and applications made to history.

Course III. (Second Academic). One hour a week.

Botany: Flowering plants; nature and organs, growth and classification.

Course IV. (Second Academic). Two hours a week.

Geography: General review in connection with history. Exercises in the use of the atlas, statistics, and references.

Course V. (First Academic). One hour a week.

Physical Geography: The earth, continents, land, water, atmosphere, wind, mountains, plains. The Seasons, Tides, etc.

Course VI. (Humanities). One hour a week.

Physiology: Form and structure of body. Animals and plants. Digestion and Blood circulation. The Nervous System. The Senses. Hygiene.

HISTORY.

Course I. (Third Academic). **United States History.** A careful review, and co-ordination of essential facts. Three hours a week.

Course II. (Second Academic). **Modern History.** Three hours a week.

First Term.—From the Foundation of the Roman Empire to the Migration of the Nations: Rise of the Roman Empire. Christianity and its influence on Society. Struggles of the Infant Church. The Empire at its height. The War on Christianity. The Triumph of the Church.

Second Term.—Constantine and the Eastern Empire. Ancient German Tribes. Their Invasions of the Roman Provinces. The Huns, Vandals, Visigoths, Ostrogoths, Franks, Lombards. Rise of Mohammedanism. The Papal States. Pepin and Charlemagne. The Normans and their Conquests. The Greek Empire. The Greek Schism. Feudalism.

Course III. (First Academic). **Modern History.** Two hours a week.

First Term.—The Crusades. The Kingdom of Jerusalem. Frederick Barbarossa. Richard the Lion-Hearted, Saladin, and Louis IX, of France. Results of the Crusades. Wars between France and England. The Fall of Constantinople. Overthrow of the Moors in Spain. Ferdinand and Isabella. The Discovery of America. The Conquest of Mexico and Peru.

Second Term.—Luther and the Reformation. Charles V. and Philip II. England under the Tudors and the Stuarts. The Commonwealth and Oliver Cromwell. France under Louis XIV. The Rise of Prussia. Frederick II. The French Revolution. Napoleon Bonaparte. Revolutions in European States. The Franco-Prussian War. The New German Empire. The Republic of France.

Course IV. (Humanities). **Ancient History.** Two hours a week.

First Term.—Origin of the Human Race. Monarchies of the East. The Mission of the Hebrews. The Grecian States.—The Persian Invasion. The Age of Pericles. The Theban War. Alexander the Great. Rome and the Romans. Romulus and the Monarchy. The Roman Republic. The Agrarian Law. The Subjugation of Latium. The Wars with the Samnites and with Pyrrhus.

Second Term.—The Punic Wars. The End of Grecian Independence. The Romans in Spain. War with Jugurtha. The Civil Wars in Rome. Caesar's Conquest of Gaul, and his victory over Pompey. The Death of Caesar. Battle of Actium. The Empire of Rome.

CHRISTIAN DOCTRINE.

Course I. (Third Academic). One hour a week.

Faith.—Its object, necessity, qualities. The Apostles' Creed.

Course II. (Second Academic). One hour a week.

The Commandments of God.—The Precepts of the Church.—Sin and Virtue.

Course III. (First Academic). One hour a week.

Grace.—The Sacraments and Sacramentals.

Course IV. (Humanities). One hour a week.

Review of matter treated in Course I, II, III—Lecture and Discussion. Practical Instructions on the Counsels, the Religious State, Religious Orders. Repetition and development of the instructions on Devotion given during the preceding year; fuller explanation of Indulgences; kinds, conditions, etc.

ELOCUTION.

Course I. (Third Academic). One hour a week.

Vocal Culture.—Breathing exercises. Articulation, Pronunciation of Vowels and Consonants. Concert drill.

Gesture Drill.—Positions in reading and declamation. Simple gestures. Calisthenic exercises. Concert drill.

Course II. (Second Academic). One hour a week.

Vocal Culture.—Repetition of work of preceding year. Breathing exercises. Articulation. Pronunciation. Concert drill.

Gesture Drill.—Position and movement. Varieties of Simple Gestures. Calisthenic exercises. Concert drill.

Course III. (First Academic). One hour a week.

Vocal Culture.—Repetition of work of preceding years. Inflection of words and sentences. Pauses and Cadences. Qualities of voice.

Gesture Drill. Combinations of simpler gestures and movements. Calisthenic exercises. Concert drill.

Course IV. (Humanities). One hour a week.

Vocal Culture.—Repetition of work of preceding years. Power, Stress, Melody, Pitch, Tone, Slides and Waves.

Gesture Drill.—More difficult positions. Complex gestures Calisthenic exercises. Concert drill. Rendition of Metrical Compositions. Expression of the passions.

BOOKKEEPING.

Course I. (Humanities). Three hours a week.

Double Entry. Day Book. Journal. Ledger. Cash Book. Sales Book. Trial Balance. Balance Sheet. Checks. Notes. Drafts. Receipts, etc. Business Writing.

STENOGRAPHY AND TYPEWRITING.

Humanities. Three hours a week.

These are optional branches offered to the students of the regular classical course. The work is carefully graded, and earnest students can readily acquire within the year facility in the use of both subjects.

Modern Languages.

First Year. In the first year the student is required to translate into idiomatic English easy, connected prose and verse. Grammar is not formally taught, but the student's attention is directed to the grammatical rules as exemplified in the text before him, and he is required to apply the same rules synthetically in oral and written themes. Conversational exercises based on the text are a feature of the instruction. This method, which is considered the most happy combination of the so called natural and grammatical methods, will, it is believed, best attain the end constantly kept in view, namely, to make the study eminently practical and, at the same time, to afford that mental discipline which is the constant aim of the institution in all its studies. For not only is the student's memory well stocked with words and phrases, but his intellectual powers are developed and strengthened by observation and constant analytic and synthetic work.

Second Year. In the second year the student takes up selections drawn almost exclusively from classic authors. These selections, for the most part complete in themselves, are considerably longer and more difficult than those seen in the first year. The course is, however, very well graded throughout. The knowledge of grammar is pursued in the same manner as in the first year, but is made far more extensive, the more difficult parts receiving special attention. Longer connected English prose stories are rendered into the idiom of the language studied. As far as the progress of the students will permit, the language taught is made the vehicle of instruction.

This course may be regarded as an introduction to the study of literature as such.

Third Year. In this year the attention of the student is directed rather to literary than to linguistic study. Lectures on the more important authors, classic as well as modern, and their principal works, are given. Besides this, the history of the language and of its literature are given at least in outline. Private collateral reading is encouraged as much as possible, students receiving additional credits for work done over and above the amount required for class.

GERMAN.

Course I.—Five hours a week.

Precepts.—Careful drill in punctuation and in the elements of grammar

Authors.—Translation of connected, easy prose and verse. Memorizing of select poems, such as Heine's "Lorelei;" Goethe's "Heidenröslein," or others of similar character.

Practice.—Conversation and written themes on the text.

TEXT BOOK: Keller's "First Year in German."

Course II.—Three hours a week.

Precepts.—Proficiency in more advanced grammar.

Authors.—Translations of longer and more difficult selections from Grimm's Märchen, Leander's Träumereien, and from the works of such authors as Chas. v. Schmid, Heine, Lessing, Schiller, Goethe and others. Memorizing of selected poems, such as Feuchtersleben's "Scheiden;" Rückert's "Barbarossa;" Heine's "Die Grenadiere;" Schiller's "Der Taucher," or "Der Handschuh;" Goethe's "Der Sänger;" Schneckenburger's "Die Wacht am Rhein;" or others of similar character.

Practice.—Conversation and written themes on the text. Exercises in imitation and original essays.

TEXT BOOK: Keller's "Second Year in German."

Course III.—Three hours a week. Introduction to the study of German literature and brief history of the German language. Informal talks on the lives and writings of some of the most celebrated German authors, both classic and modern, such as Goethe, Schiller, Lessing, Storm, Wildenbruch and others; and on the principal epochs in German Literature from the earliest days to the present time, such as the period of the Minnesingers, Mastersingers, of Romanticism, Recent Prose Fiction, etc. Rapid reading of some works, such as the "Nibelungenlied," "Wilhelm Tell," and others. Original compositions on the subjects studied.

TEXT BOOK: Keller's "Bilder aus der Deutschen Litteratur" is taken as a guide, but is supplemented by Lindemann, Scherer and others.

SPANISH.

Course I.—Five hours a week. Careful drill in pronunciation; elementary grammar, except Irregular Verbs; Translation of short, easy Spanish stories; Repetition of these stories in the pupil's own words; Conversation and written themes based on the text.

Course II. Five hours a week. Grammar completed; special attention paid to use of tenses; rules of accent. Translation of longer and more difficult selections, such as "Batalla de Lepanto," "La Ciudad de Valencia," by Mariana; "Roger de Lauria," by Quintana; "Sition de Gerona," by Toreno; and selections from Iriarte, Martinez de la Rosa, Fray Luis de León, and others of similar character.

Course III. Three hours a week. Spanish Composition. Outlines of Spanish Literature. Spanish poetry, especially lyric and dramatic. For minute study: Selections from the poetical works of Lope de Vega, Calderón, Louis de León, Martinez de la Rosa, Villegas; selections from the prose of Telgas, Donoso Cortéz, Cervantes, Granada.

FRENCH.

Course I. Five hours a week. Elementary grammar. Particular attention is paid to pronunciation and to the study of the verb. During the first half of the course the instruction is based mainly on object lessons. During the second half the student is required to translate into idiomatic English short, easy stories. He is required to repeat these stories in his own words. Conversation and written exercises are employed throughout the course.
TEXT BOOK: Syms' "First Year in French."

Course II. Five hours a week. Proficiency in more advanced grammar; irregular verbs. Translation of longer and more difficult selections; Repetition of these selections from memory; Conversation and written themes based on the same; Translation into idiomatic French of selections from English classics, such as Hawthorne, Irving, etc.
TEXT BOOK: Syms' "Second Year in French."

Course III. Three hours a week. Introduction to French Literature. Informal talks on the lives, works, moral and literary influences of some of the most noted French writers, both classic and modern. For memorizing: La Fontaine's "Le Chêne et le Roseau; Lamartine's "Hymne de l'Enfaut à son Réveil," and others of similar character. Original essays in French on subjects studied.
TEXT BOOK: Syms' "Third Year in French."

Music.

VOCAL MUSIC

An elementary course in notation, training of the ear, sight reading, elements of harmony, vocal culture, with insistence on correct pronunciation and interpretation.

Membership in the Glee Club will be open to those students who possess the required qualities of voice and the ability to read music of moderate difficulty.

INSTRUMENTAL MUSIC.

Special attention will be given to individuality, and the courses will be selected and adapted according to the needs of each student.

Piano.—Instructor, Rene L. Becker.

Violin and Violoncello.—Instructor, Joseph Kern.

Mandolin, Guitar, and German Zither.—Instructor, Herman A. Haegar.

Brass Instruments.—Instructor, ———

Membership in the Orchestra is open to those who have sufficiently mastered the technic of some orchestral instrument to participate creditably in the study and performance of advanced compositions.

THE ACADEMY.

Schedule of Recitations.

HUMANITIES	FIRST ACADEMIC	A. M.	SECOND ACADEMIC	THIRD ACADEMIC
Latin	Latin	9:00	Latin	Latin.
Greek	Greek	10:15	Latin—M. W. F. English—T. S. Greek—2d term	Latin—M. W. F. English—T. S.
Bookkeeping—M. W. F. Elocution—T. Physiology—F.	History—M. W. Chr. Doctrine—T. S. Phys. Geog.—F.	11:00	History—M.W. F. Chr. Doctrine—T. S. Botany—F.—2d term.	History—M. W. F. Chr. Doctrine—T. S.
Mod. Languages—M. W. F. Chr. Doctrine—T. S.	Mod. Languages	P. M. 12:45	Mod. Languages	Mod. Languages.
English—M. T. W. F. History—S.	Algebra	1:15	Arithmetic—1st term Algebra—2d term Elocution—W.	Arithmetic.
Geometry—M. T. F. S. History—W.	English—T. W. F. S. Elocution—M.	2:10	English—M.W.F.—1st trm English—M.W.F.S.—2 trm Botany—T.	English—W. F. S. Zoology. Elocution—M.

Commercial Department

Commercial Department.

OFFICERS AND FACULTY.

REV. W. BANKS ROGERS, S. J.,
President.

REV. ARNOLD J. GARVEY, S. J.,
Vice-President and Prefect of Studies.

REV. SIMON J. NICOLAS, S. J.,
Prefect of Discipline, Instructor in Rhetoric.

FRANKLIN J. STANLEY, B. S.,
Instructor in Bookkeeping and Commercial Law

GEORGE A. CIBULKA, A. B.,
Instructor in Business Arithmetic and Algebra.

GILBERT J. BRADY,
Instructor in English, History.

REV. JOHN KIELY, S. J.,
Instructor in Christian Doctrine.

JOHN H. GROLLIG, S. J.,
Instructor in German.

REV. EMMANUEL PEYPOCH, S. J.,
Instructor in Spanish.

CYRUS A. TELESE, S. J.,
Instructor in Spanish.

JOHN B. LOUIS, S. J.,
Instructor in Drawing,

THOMAS A. HEALY,
Instructor in Preparatory Class.

MARTIN A. DELANEY,
Physical Instructor.

Commercial Course.

INTRODUCTORY STATEMENT.

The purpose of this course is to offer those who cannot command the time or have not the inclination for a classical training the means of acquiring a satisfactory commercial education. It is not supposed that the mental faculties will be so fully or so harmoniously developed by this curriculum as by the more thorough and systematic course in the classics and the sciences, yet endeavor has been made to secure a solid general education, together with the special instruction required. The present development of business with its wider fields of activity and its more extensive organization eliminates all hope of success for those who have but a narrow training and are lacking in the power given by a systematic general education.

The course extends through four years, and embraces among the required studies:

(a) A thorough course in English, including Grammar, Rhetoric, English and American Literature, and practice in business writing and the minor species of Composition.

(b) A modern language other than English.

(c) History of the United States, General History and Civics.

(d) Business Arithmetic, Algebra, and the elements of the Natural Sciences.

(e) Bookkeeping, Commercial Law, and Commercial Geography.

(f) Stenography and Typewriting.

On the satisfactory completion of the course a certificate is issued to the successful student testifying to the nature and extent of his training and to his attainments.

SCHEDULE OF STUDIES.

The figures in the following schedule indicate periods. The periods average 50 minutes each; but in penmanship, Christian Doctrine and in the modern language classes of the First and Second Years the periods are half an hour each. The hours of class in each year approximate 25 weekly.

SUBJECTS	YEARS				SUBJECTS	YEARS			
	1st	2d	3d	4th		1st	2d	3d	4th
	Periods					Periods			
English ***	5	4	4	4	Bookkeeping.....	—	4	3	5
History, U. S.....	2	—	—	—	Commercial Law.	—	—	3	2
History, Ancient..	—	2	—	—	Stenography.....	—	—	3	3
History, Modern..	—	—	2	2*	Typewriting.....	—	5	2	—
Civics.....	—	—	—	2**	Penmanship.....	5	5	—	—
Mathematics ****.	5	4	3	3	Geography, Polit.	2	2	—	—
Christian Doctrine	5	4	2	2	Geography, Com..	—	—	1	1
Elocution.....	1	1	1	1	Geography, Phys.	—	—	1	—
German, French, Spanish *****. .	5	5	3	3	Zoology.....	1	—	—	—
					Botany.....	—	1	—	—
					Physiology.....	—	—	—	1

*First Term. ** Second Term. *** Grammar first and second years, Rhetoric third and fourth years. **** Arithmetic first and second years, Algebra third and fourth years. ***** One is obligatory.

ENTRANCE REQUIREMENTS.

The requirements for admission are:

(a) A testimonial of the good moral character of the applicant, and a certificate of good standing in the school which he previously attended.

(b) Satisfactory knowledge of Etymology, Analysis of simple sentences, Punctuation, and the Spelling of words in common use.

(c) The Elements of Arithmetic, through percentage.

(d) Elementary Geography.

Course of Studies.

ENGLISH.

First Year. 5 periods.

Grammar: Syntax, analysis of sentences.

Spelling: Daily drill.

Composition: Practice in sentence building, paraphrasing, simple narratives and descriptions for spontaneity of expression.

Literature: Careful reading of Hawthorne's Twice Told Tales, Mosses From an Old Manse; Dickens' Christmas Stories; selections from Longfellow's poems.

Second Year. 4 periods a week.

Grammar: Sentence and paragraph structure; simple exposition; letter writing, especially business forms and correspondence.

Spelling: Drill especially in business and technical terms.

Composition: (a) Narrative and descriptive sketches; social letters.

(b) Business exposition writing and correspondence; drill in writing advertisements, telegrams and business forms.

Literature: (a) The beginnings of literature; simple exposition of the main periods, their works and writers.

(b) Careful reading of Irving's Sketch-Book, Brown's Rab and His Friends, Goldsmith's Deserted Village, Gray's Elegy.

Third Year. 4 periods.

Rhetoric: Diction, figures, style, description, narration, letter writing.

Composition: (a) An aim at artistic structure and expression in descriptions and narrations; practice in social letter writing.

(b) Continued practice in business letters; the making of business documents, as contracts, articles of agreement, descriptions of property, reports and abstracts, etc.

Literature: (a) Study of American Literature.

(b) Careful reading of Evangeline, Snow Bound, Lady of the Lake, Rime of the Ancient Mariner, Fabiola, David Copperfield, Kenilworth, House of the Seven Gables.

FOURTH YEAR. 4 periods.

Rhetoric: Essay and speech writing; versification and the forms of poetry.

Composition: Essays and speeches, generally on topics connected with commercial life; letters, business and literary; practice in simple versification.

Literature: (a) English Literature.

(b) Careful reading of selected essays and speeches; The Merchant of Venice, Julius Caesar; the poetical selections in Syle's From Chaucer to Tennyson..

MATHEMATICS.

FIRST YEAR. 5 periods.

Arithmetic: Percentage reviewed; Computations, trade discount, profit and loss, commission and brokerage, simple interest, stocks and bonds, bank discount, true discount, partial payments, compound interest.

SECOND YEAR. 4 periods.

Arithmetic: Insurance, taxes, domestic and foreign exchange, stocks and bonds, ratio and proportion, partnership, equation of payments, general average.

THIRD YEAR. 3 periods.

Arithmetic: Involution, evolution; mensuration, with a practical course in measurements. General review.

Algebra: From the beginning, through factoring.

FOURTH YEAR. 3 periods.

Algebra: From factoring through quadratics.

BOOKKEEPING AND BUSINESS PRACTICE.

SECOND YEAR. 4 periods.

Bookkeeping: Theory of accounts; explanation and use of the various business books; single and double entry. Drill in the making and use of notes, checks, drafts, invoices, bills, receipts, accounts, statements, balances, etc.

THIRD YEAR. 3 periods.

Bookkeeping: Opening of sets of books; changing from single to double or from double to single entry; invoicing, trial balance, final settlements. Partnership, banking, corporation and insurance accounting.

FOURTH YEAR. 5 periods.

Business Practice: This course gives a thorough drill in bookkeeping, commercial law and (business) English; and besides,

(a) familiarizes the student with office methods, including the handling and care of books and papers, filing and indexing, methods of duplicating;

(b) gives a knowledge of the rules and customs of buying and selling, transportation, banking, insurance, commission and exchange.

COMMERCIAL LAW.

THIRD YEAR. 3 periods.

Contracts, negotiable paper, liens, surety and guaranty, interest and usury, warranty, agency, bailment.

FOURTH YEAR. 2 periods.

Partnership, corporations, insurance, real property, fixtures, common carriers, taxes and duties, wills and inheritance, interstate commerce, bankruptcy.

**Students in these courses will have much practice in drawing up in legal form documents exemplifying the subjects of their study. Occasionally each year moot-courts will be held for practice in the correlated studies of the Commercial Department.

HISTORY AND CIVICS.

Two periods.

During this course of political history special attention will be given to the history of commerce. The migrations, wars, expeditions institutions, inventions, legislative enactments, etc., which affected the progress of commerce will be noted and explained, as well as the influence of commerce on civilization. In addition to the ordinary recitations, papers on these topics will be prepared and read by the students of the third and fourth years.

First Year. **History of the United States.**

Second Year. **Ancient History,** to the beginning of the Roman Empire.

Third Year. **Modern History,** from the beginning of the Roman Empire to the Discovery of America.

Fourth Year. First Term. **Modern History,** from the Discovery of America to the present.

Second Term. **Civics.**

GEOGRAPHY.

First Year. 2 periods.

Geography of North America—political and physical, together with the historical geography of the United States.

Second Year. 2 periods.

Geography of the other divisions—political and physical.

Third Year. 1 period.

Commercial Geography: Relations of geography and commerce; elements of commerce, materials of commerce, means and methods of transportation; organization of trade, prices, payments, maintenance of equilibrium, regulation of commerce.

Fourth Year. 1 period.

Commercial Geography: United States—domestic commerce, products, trade centers, markets, lines of communication; foreign commerce, imports and exports, seaports and markets, lines of communication, means of exchange.

Resources, needs, trade centers, communication of the possessions of the United States, and of other countries.

General review of World Commerce.

STENOGRAPHY.

Third Year. 2½ hours a week.

Elementary. Drill on writing and reading the elements.

Fourth Year. 3 hours a week.

Advanced. Word and phrase signs; Court, technical, and general reporting.

Graded exercises for speed from copy and dictation; constant practice to obtain rapid and fluent reading.

**Students in this course are expected to submit daily a designated number of pages written out of class.

PENMANSHIP AND TYPEWRITING.

First Year. 5 half-hour periods.

Penmanship: Accuracy and facility.

Second Year. 5 periods.

(A) **Penmanship** practice continued.

(B) **Typewriting:** (a) Drill in touch writing; exercises for accuracy; graded speed work from copy and dictation.

(b) Lessons on the care of a typewriter; classification of typewriting machines by principles of their make and use; relative durability, facility of care and of speed.

Third Year. 2 periods.

(A) **Typewriting:** Practice for speed work from copy and dictation; practice in writing technical and display forms.

(B) **The Amanuensis,** his qualities and duties.

(a) Methods of filing, indexing and briefing.

(b) Copying and duplicating; use of the mimeograph, hectograph, carbons, etc.

**In the third and the fourth years the typewriter is in constant use in connection with work in the other subjects.

ELOCUTION.

1 period.

First Year. **Vocal Culture:** Breathing and calisthenic exercises; practice in articulation and pronunciation.

Expression: Reading correctly and fluently; simple declamations.

Second Year. **Vocal Culture:** Development of qualities of voice.

Expression: Practice in more difficult selections for reading and declamation.

Third Year. Work of preceding years continued and developed; lessons in interpretation; practice in oratorical declamation and in dramatic sketching.

Fourth Year. Practice in reading and speaking the personal work composed by the student in his English course; extempore speaking; debating.

** Students of the Third and Fourth years will be required to take part in the moot-courts.

CHRISTIAN DOCTRINE.

First Year. 2½ hours weekly.

Faith; the Apostles' Creed.

Practical instructions on prayer and on approved private devotions.

Second Year. 1¾ hours weekly.

The Commandments of God; the precepts of the Church; sin and virtue.

Practical instructions on the commandments, on the ritual and ceremonial of the Church, on authorized public devotions.

Third Year. 1 hour a week.

The Sacraments and sacramentals.

Practical instructions on the same subjects, and on indulgences

Fourth Year. 1 hour a week.

General review of the work of preceding years, with the evidences of religion.

Practical instructions on the states of life and their duties.

MODERN LANGUAGES.

See page 62

MUSIC.

See page 65

PREPARATORY CLASS.

Students who are not sufficiently prepared in some branch or branches for admittance into the first year of the Academy or of the Commercial Department, are thoroughly drilled in rudimentary branches and made ready for entrance on the course elected by their parents or guardians.

TIME SCHEDULE.

	FIRST YEAR FOURTH COMMERCIAL	SECOND YEAR THIRD COMMERCIAL	THIRD YEAR SECOND COMMERCIAL	FOURTH YEAR FIRST COMMERCIAL
9:00	Arithmetic	English—M. T. W. S... Elocution—F.	Typewriting—T. S. Bookkeeping—M. W. F.	Commercial Law—M. F. Stenography—T. W. S.
10:15	English, Grammar and Masterpieces	Typewriting—30m. Penmanship—15m.	Commercial Law—M.W.F.—30m. Stenography—M. W. F.—15m... " —T. S.—45m.	Bookkeeping.
11:00	Catechism—20m. Catech. Lects.—T. S... Spelling—M.W.F.—30m	History—M. W. Catechism—T. S. Geography—F.	Mathematics—M. W. F. Commercial Geography—T. Physical Geography—S.	Civics—M. W.* Commercial Geogr.—T. Physiology—S. Elocution—F.
11:50	Noon Recess	Noon Recess	Noon Recess	Noon Recess.
12:45	Modern Languages or Drill	Modern Languages or Drill	Drill—M. W. F. Catechism—T. S.	Drill—M. W. F. Catechism—T. S.
1:15	History—M. W. Geography—T. S.	Arithmetic—M. T. W. F. Botany—S.	Modern Languages—M. W. F... History—T. S.	Rhetoric—M.T.W.F. Mod. Languages—S.
2:00	Recess	Recess	Elocution—F. Rhetoric—M. W. T. S.	Mod. Languages—M.W. Mathematics—T.F.S.
2:10	Penmanship—M.T.W.F. Zoology—S.	Bookkeeping—M.W.F.S. Geography—T.		

* First Term—History. Second Term—Civics.

Military Department

Military Department.

OFFICERS.

CHARLES E. SCHUETZ, S. J.,
Director.

JOHN H. CALEF, COL., U. S. A.,
Professor of Military Science and Tactics, Commandant of Cadets.

INTRODUCTION.

Besides the very useful science acquired in this department, its military drill promotes the physical development of the students, their propriety of bearing, and the acquisition of habits of order, precision and obedience. As cadets show capacity they are advanced in rank; and the authority and responsibilty connected with cadet rank are regarded as very valuable in developing both mind and character. The promotion is gradual, that the sense of responsibility may keep pace with the authority.

ENROLLMENT.

Military drill is obligatory on all the students of the first three years of the College, of the highest class (Humanities) of the Academy, and of the First and Second Commercial Classes; nor shall any exemption be granted unless for a reason which shall be considered sufficient by the physician in attendance at the University or by the officer commanding. Military drill is optional for all other students; and admission into the Cadet Battalion will be granted to those who receive the written consent of parents or guardians. The enrollment of a student as a cadet must be for a term of at least two years, supposing that he remains at the University; as otherwise the full advantages of the training would not be secured. The cadets enrolled in the battalion contract no obligation to be called upon for military service, either by the State or general government.

SUPPLIES AND EXPENSES.

The government supplies the arms and accoutrements, and the University furnishes the musical instruments and meets the other incidental expenses, but each cadet must procure his own uniform. This is of a style to serve at all times as an oridnary dress suit, and ranges in price from $15.00 upwards.

INSPECTION.

The Military Department and the Battalion of Cadets are inspected annually near the end of the scholastic year, by an officer detailed for that purpose from the Inspector General's Department of the U. S. Army. The result is reported to the Inspector General in Washington.

The Commandant of Cadets is required to report annually to the Adjutant-General of the U. S. Army at Washington, and to the Adjutant-General of the State the names of the three most distinguished cadets. These names are published in the next ensuing U. S. Army Register.

PRIZES.

Clarke Trophy. To encourage a healthy rivalry between organizations, Mr. W. S. Clarke of Chicago, donated a handsome gold medal to be competed for annually by the several companies, the winner to hold it until the next competition.

Gold Medals, which become the property of the winners, are also provided for individual competition among Cadets having a proficiency record over 800.

PROMOTIONS.

Advancement in rank is competitive, and is made at such intervals as the needs of the service require. As elements in the competition are: Length of service; service record, as indicated in the next section; proficiency demonstrated by examination in the theoretical and practical instructions; efficiency in the duties pertaining to previous rank; and creditable academic standing in scholarship and deportment as a prerequisite for exercising authority over fellow students.

DISCIPLINE.

Each cadet receives in the beginning of the term a credit of 1,000 points. During the year this score is reduced as follows:—

For each absence from drill without excuse.....40 points.
For each absence from drill with excuse.....20 points.
For each assignment to "extra tours".....30 points.
For each tardiness, unexcused.....20 points.
For each tardiness, excused.....10 points.
For appearing without uniform, not excused.....30 points.
For appearing in partial uniform, not excused, 10 or 20 points.

Cadets are selected for "extra tours" by the cadet officer of the day for (1) disorder in the ranks; (2) inattention; (3) disobedience or disrespect to cadet officer.

COURSE OF INSTRUCTION.

Practical instruction in School of the Soldier; Calisthenic exercises; School of the Company; School of the Battalion (Infantry); Extended order; Ceremonies.

Theoretical instruction in U. S. Drill Regulations, Ceremonies, Minor Tactics, Army Organization, etc.

CADET BATTALION.

Field and Staff.

Lawrence A. Bitz,
Major.

Captain Gervais P. Gaiennie, Adjutant.
Captain Leo D. McCarthy, Quartermaster.
John C. Tobin, Sergeant Major.
Frederick H. Ehnts, Chief Musician.
Paul Bakewell, Color Sergeant.

Company A.

Captain, Frederick J. Tobin.
First Lieutenant, J. Joseph Schlafly.
Second Lieutenant, Louis F. Desloge.
First Sergeant, Christopher Rathgeber.

Company B.

Captain, Louis P. Desjardins.
First Lieutenant, Meredith B. Murray.
Second Lieutenant, James J. Lonergan.
First Sergeant, Alphonse J. Raemdonck.

Company C.

Captain, L. Curtis Tiernan.
First Lieutenant, G. Prather Knapp.
Second Lieutenant, Ralph A. Kinsella.
First Sergeant, Charles M. Sandoval.

Graduate Departments

I School of Medicine

II. School for Philosophy and Science

III. School of Divinity

School of Medicine

Medical Department

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School of Medicine.

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*Died March 20, 1905.

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OLIVER P. TERRY, B. S.,
Assistant in Physiology.

A. B. STREEDAIN,
Artist to the Anatomical Department.

MARTIN SCHMIDT,
Laboratory Technican.

D. S. CROSBY - - - - - - - - - - Clerk.

C. E. MANN, - - - - - - - - - - Janitor

INTRODUCTORY STATEMENT.

The present medical department is the second in point of time which the University has operated. The first medical school in the West was established by the University in 1842; and the high standard set according to the state of medical knowledge at that time, together with the eminent ability and energy of the faculty won for the school a great reputation and deserved success. The roster of the faculties and students contains the names of many of the most distinguished men of the profession in the Middle West. However, in 1855, during the religio-political "Know-nothing" movement, it was thought advisable to sever the connection between the school and the University; and for the good of the young institution and of medical education which it was doing so much to promote, the University generously released the school, that it might be operated under its own charter.

The present medical department, the Marion-Sims-Beaumont Medical College, was acquired by the University in 1903. Since that time the institution and its work have been rapidly improved in every possible way, and there has resulted a large and vigorous school adaquately equipped for the best and highest kind of medical education. The most notable advancements are:

The requirements for admission to the courses have been steadily raised;

The library, laboratory and other equipment has been greatly increased;

The course of study has been strengthened;

In the fundamental branches, anatomy, chemistry, physiology, pathology, bacteriology, and pharmacology, the corps of lecturers has been augmented by eminent specialists who take charge of these departments and who are exclusively devoted to their work;

The clinical facilities have been doubled, and now offer the students extraordinary advantages, probably unequaled in the country. The distinctive feature of modern medical teaching is the bringing of the student into contact with patients in the clinics and hospitals where, under the direction of the professor, he applies theory to practice, drawing up his own diagnosis and plan of treatment. Experience of this kind gives him security and fits him for the practice of his profession. A detailed account of the clinical facilities is given on page 96.

LOCATION AND EQUIPMENT.

The buildings of the Medical Department are located on Compton Hill, the highest point of the city of St. Louis. No position could be more suitable in an educational and moral way, for all influences are

too far removed to affect the student. The College is in one of the best residence districts of St. Louis, situated on Grand Avenue, the principal highway of the city, and about one mile south of the main group of University buildings. Electric lines of the United Railway Company, which pass the College or in the immediate vicinity, make the institution readily accessible from all parts of the city, and reach an extensive territory from which patients are drawn for the College clinics. The New City Hospital, the old City Hospital, the Female Hospital, the Insane Asylum, and several private hospitals, are within a few minutes ride from the College.

The Medical College property includes an acre and a half of ground upon the corner of Grand Avenue and Caroline street, and comprises the Medical Building, 65 by 100; the Rebekah Hospital Building, 54 by 45; and the Laboratory Building, which was completed October 1, 1901, and which is devoted exclusively to laboratory instruction in pathology, chemistry, physiology, histology and clinical microscopy. The first floor contains the physiological laboratory, occupying a space 18 by 56, and devoted exclusively to the purpose of laboratory instruction in physiology. The entire physiological apparatus, which is complete, is contained in cases convenient to the laboratory.

The entire second floor is given up to the laboratories of histology, pathology and bacteriology. It consists of private rooms for instructors and assistants, the museum and the laboratory room. The museum portion has been added to the old museum, making a room 40 by 24, which is now filled with a large and varied collection of specimens, normal and pathological. The combination of the Marion-Sims and Beaumont museums has been still further increased by extensive additions made during the year.

The laboratory room is 40 by 50, with ample light on the east and west sides. Accommodations are provided for sixty students, yet so abundant is the light that only two rows of tables are required for this purpose. The laboratory is equipped with 150 high-grade mrcroscopes and with other aplliances in proportion.

The third floor is used for anatomy and physiology. A beautiful lecture room, 40 by 41, completes the building.

CLINICAL FACILITIES.

The following hospitals and clinics are directly controlled by the University or by members of its faculty, and offer to its students extraordinary advantages for hospital and clinical instruction: Rebekah Hospital, Alexian Brothers' Hospital, St. Mary's Infirmary, St. John's Hospital, Mt. St. Rose Hospital, Josephine Hospital, St. Ann's Lying-In Infirmary, St. Vincent's Asylum, St. Louis Marine Hospital, Ob-

stetric Clinic, Grand Avenue Dispensary, St. John's Clinical Dispensary, and Obstetric Dispensary. Additional facilities are afforded by the City Hospital, City Insane Asylum and Poor House. A number of private hospitals with which members of the faculty are associated are drawn upon for clinical instruction as the occasion may offer. The hours for clinics are so arranged as to interfere as little as possible with other work. Additional clinical facilities will shortly be announced.

Rebeckah Hospital.

Capacity, 50 patients. This institution, which opened January 1, 1893, is of incalculable benefit to the college. It is utilized to the fullest extent in the course of instruction. During the ten years that this hospital has been in operation it has afforded the students of the college a rare opportunity for clinical observation, both in medicine and surgery.

The annual reports of the hospital show an increase in the variety and number of cases under treatment. The demand for enlargement has been met by a considerable addition made in 1899.

Alexian Brothers' Hospital.

This large and elegantly appointed hospital (250 beds) is under the exclusive control of members of the faculty of the Marion-Sims-Beaumont College of Medicine. Students enjoy direct clinical observation and instruction. Weekly clinics will be conducted in medicine, surgery and neurology. Especial opportunities are afforded students to perfect themselves in auscultation and percussion. An abundance of material is constantly on hand for the study of diseases at the bedside and in the spacious amphitheatre.

St John's Hospital.

Capacity, 200 beds. This hospital, which for years has been one of the foremost teaching hospitals in the West, is utilized to the fullest extent for clinical observation. A large clinical amphitheatre makes it possible to demonstrate a large variety of diseases and surgical operations before the class.

St. Mary's Infirmary.

This institution (150 beds) affords a valuable field for clinical study, particularly in the direction of accident surgery. The new addition, recently constructed, greatly adds to the clinical advantages offered by this hospital.

Grand Avenue Dispensary.

This institution, located in the college, and under the control of the faculty, is a most valuable aid to the class; the professors give it

their personal attention, and thus attract a large clinic. The number of patients is constantly growing, now amounting to almost a hundred every day. Here students are encouraged to examine all cases, and are assured the most practical instruction.

City Hospital.

Capacity, 700 beds. Over 10,000 patients are treated annually. This institution offers the most abundant resources for clinical instruction. Almost every form of disease, both medical and surgical, is here exhibited, and therefore it affords no end of material for exhibition and discussion. Ample time is spent at this institution, and the students are required to investigate all cases that can be examined. Clinical lectures are delivered on general medicine and surgery, diseases of the nervous system, chest diseases, syphilis, skin and genito-urinary diseases, by members of the faculty.

St. Louis Insane Asylum.

Capacity, 600 patients. During the past five years the Board of Health of the City of St. Louis opened the Insane Asylum for clinical instruction, and from time to time the Professor of Nervous Diseases will deliver clinical lectures, illustrated by the great number and variety of nervous affections to be found in this institution. The time required to go from the college to the asylum is only about twenty minutes.

Mt. St. Rose Throat and Chest Hospital.

Capacity, 75 beds. This ideal sanitarium, which is provided with the best modern equipment for the treatment of tuberculosis and its complications, is available for the purpose of clinical instruction. Students will be given an opportunity of studying both ambulatory and bed patients.

St. Louis Marine Hospital.

Capacity, 150 beds. Medical and surgical cases are utilized for clinical purposes. Besides, instruction is given to the Senior class in sections.

St. Louis Alms House.

Capacity, 1600 beds. This institution provides a large number of chronic cases which are available for demonstration.

St. Ann's Lying-in Infirmary.

Capacity, 75 beds. This well-known maternity hospital, which was founded by the Sisters of Charity in 1853, was the first asylum of its kind in the United States; in the past fifty years 20,000 have been cared for and accommodated. The obstetrical advantages of such

an institution are obvious. A new building which will more than quadruple the capacity is under process of construction.

Josephine Hospital.

This institution, which has just been completed and added to the clinical opportunities afforded by the institution, accommodates 40 patients. It is constructed upon the lines of modern hospital architecture, with every modern facility. Its location, only three blocks from the college, makes it particularly adaptable for clinical instruction.

Obstetric Clinic.

Capacity, 20 beds. Though this institution is small, it affords a valuable addition to the obstetrical department. About 50 deliveries per annum are at the disposal of the department.

St. John's Clinical Dispensary.

This old and well established and conducted dispensary attracts a large number of patients, making it possible to demonstrate an endless variety of cases. The Senior class is sections will attend this clinic regularly.

St. Vincent's Institution for the Insane.

Capacity, 300 patients. This model institution, which was constructed only a short time ago, affords a large variety of mental diseases which may be studied by the class in sections.

Obstetric Dispensary.

This important adjunct to instruction in obstetrics, established in 1904, provides for a large number of obstetric cases, which are placed under the charge of members of the Senior class.

AUTOPSIES.

The college is enabled to offer abundant opportunities for instruction in post-mortem examinations; in addition to the work outlined under demonstrations in pathological anatomy, opportunity is given to witness autopsies conducted by Dr. D. F. Hochdoerfer and Dr. R. B. H. Gradwohl, coroner's physicians, St. Louis.

HOSPITAL APPOINTMENTS.

Graduates of this school may enter the competitive examinations, which take place the first week of May of each year, for positions on the House Staff of the St. Louis City and Female Hospitals.

Students are earnestly advised to compete for these appointments, which are all for a period of one year, and which offer unparalleled opportunities for completing a college education.

Graduates of the MARION–SIMS–BEAUMONT COLLEGE OF MEDICINE ONLY are eligible for positions in the Alexian Brothers' Hospital and St. Mary's Infirmary. In addition to these, graduates of this institution alone are eligible to one position as interne at the St. Louis Baptist Sanitarium, and to the interneship at St. Vincent's Asylum. Other hospitals are offering similar positions.

The following graduates of the Marion-Sims-Beaumont College of Medicine have been appointed to Hospital positions during the past year:

CITY HOSPITAL—W. J. Doyle, F. G. A. Bardenheier, G. H. Cottral, P. H. Swahlen, S. A. Kempff, A. R. McReynolds, J. W. Shankland and W. C. Wilhelmj.

FEMALE HOSPITAL—L. E. Missimore, W. T. McMahan, H. S. Norton.

ALEXIAN BROTHERS' HOSPITAL—L. C. Garcia, W. H. Heuerman, V. E. Miltenberger, V. O. Williams.

ST. MARY'S INFIRMARY—F. P. Mann, F. C. Nichols, W. H. Wilson.

ST. LOUIS BAPTIST SANITARIUM—J. E. Phillips.

POOR HOUSE—J. B. Chiles, R. E. Keaney.

ST. ELIZABETH—C. P. Renner.

ENSWORTH HOSPITAL—S. A. Mabry.

SCHOLARSHIPS.

See page 22.

OPERATION.

Discipline. See page 23.

Registration.

The Dean will issue cards of admission, which must be presented whenever required. Attendance upon lectures and other exercises will be denied to those who do not present such cards of admission.

Grading.

The student's work will be graded upon the scale of 100, but no numerical grades will be issued. The following system of designation of grades has been adopted:

A. 90 to 100.
B. 80 to 90.
C. 66 to 80.
D. Below 66.

A grade of D conditions the student, who is allowed one year in which to take a re-examination. Students who are conditionad in branches representing half the work of the year, in hours, will be required to repeat the year's work.

Special Lectures.

In addition to the regular course, lectures on special subjects will be given from time to time to which all students will be invited to attend. During the session the history of medicine, including the biography of old masters in medicine, will be made the subject of special consideration in these lectures.

THE WINTER SERIES FOR 1905 IS ON THE HISTORY OF MEDICINE

January 30—DR. C. G. CHADDOCK,
Review of the Growth and Knowlegde of the Relations of the Mind and Nervous System.

February 6—DR. C. BARCK,
"Helmholtz, His Life and Work."

February 20—DR. E. P. LYON,
"Harvey and the Importance of His Discovery to Medicine."

March 20—DR. G. HINRICHS,
New Chemical Remedies, Past and Present.

March 27—DR. G. C. CRANDALL,
"Brief History of Preventive Medicine."

April 3—DR. T. C. WITHERSPOON,
"History of Hernia."

April 17—DR. C. M. NICHOLSON,
"Marion-Sims and Beaumont."

DEGREES.

Combined Medical and College Course.

The avowed policy of the University is to encourage in every way possible the gaining of a broad, general education as a foundation for the profession.

In no profession is there a greater need for such training than in medicine. As a preliminary step in this direction the Collegiate and Medical Departments offer an optional six-year course, including two years of collegiate work in arts and science, followed by two years of study in the fundamental branches of medicine. This work leads

to the degree of Bachelor of Science. Upon the completion of the following two years of clinical study, the degree of Doctor of Medicine is attained. For an outline of this course see page 35.

Requirements for the Degree of M. D.* For May, 1905.

1. Four full courses of lectures of not less than seven months each, no two being in the same year, are required of every candidate for graduation, excepting such students as are graduates in pharmacy, dentistry, veterinary surgery, and graduates of colleges of arts or science giving the course prescribed by the Boards of Health, for which one year's credit may be given.

2. The last course of lectures shall have been taken in this institution.

3. The candidate shall have dissected two terms, during which he shall have made at least one dissection of the whole body.

4. Acceptable evidence of good moral character must be filed.

5. The candidate shall be at least twenty-one years old.

6. He shall have satisfactory credits and pass upon all the branches of medicine taught in the institution.

7. All indebtedness to the college shall have been paid.

Special Proficiency.

In addition to the regular diploma, graduates who have shown special proficiency will be given certificates of honorable mention.

Post Graduates.

A post-graduate course of instruction is offered to graduates of reputable institutions. A certificate of post-graduate instruction is given to those who take this course.

REQUIREMENTS FOR ADMISSION.

1. Creditable certificates of good moral character signed by two physicians of good standing in the State in which the applicant has resided.

2. One of the following:

(a) A diploma from a four-years' high school or academy whose credits are accepted by a State University.

(b) A diploma of a State Normal School having a course of instruction equivalent to a four-years' high school course whose credits are accepted by a State University.

(c) A certificate of admission to the freshman class of St. Louis University, or other recognized university or college whose credits are recognized by a State University.

(d) Or, an examination conducted by a representative of a State or City Superintendent of Schools in branches equivalent to a four years' High School course.

APPLICANTS WHO CANNOT FULFILL THE REQUIREMENTS FOR ADMISSION ARE ADVISED TO ENTER THE UNIVERSITY ACADEMY, IN WHICH THEY MAY DO SPECIAL WORK LOOKING TOWARDS THE MEDICAL COURSE.

ADVANCED STANDING.

Students who have pursued the course of study in the Marion-Sims-Beaumont College of Medicine or in another recognized school with equivalent requirements, may be admitted to advanced standing, provided they have passed a satisfactory examination in the branches which they have completed.

For those who have not taken an examination upon such medical branches, there is provided an examination during the early part of the session, and those who satisfactorily pass this examination are admitted to advanced standing.

Students who have completed any branch of instruction in another institution may receive credit for such work, provided the institution in which it has been undertaken is fully recognized.

Graduates of recognized universities which require a regular attendance of three or more years as an essential to graduation may be admitted to the second year of the medical course without examination, provided that they furnish, besides their diploma or certificate of graduation, formal and satisfactory evidence of having done at least one full year's work in five of the following named branches, for which they may receive credit in the medical school without examination: (1) Chemistry; (2) Biology or Comparative Anatomy; (3) Histology; (4) Embryology; (5) Experimental Physics; (6) Physiological Botany; (7) Laboratory Physiology or Experimental Psychology; (8) Zoology. In addition they shall make up the deficiencies in the first year's work.

FEES.

See page 24.

INFORMATION TO STUDENTS.

It is very desirable that students should register as early as possible, for seats in the lecture room and amphitheater are assigned in the order of registration. This rule applies to assignment to the sections in the laboratiories and clinical classes.

By remitting $5.00, students may register at any time, and thus obtain a desirable seat, and precedence in the various classes. Upon

the payment of the matriculation fee of $5.00 the Clerk will give a receipt, which is to be presented to the Dean, who will issue the matriculation ticket. All fees are to be paid to the Clerk, who will issue receipts. Students will present their receipts at the close of the term to the Dean, who will issue the certificate of attendance.

On arriving in the city, students should proceed at once to the college, at the corner of Grand avenue and Caroline street, where full information in regard to board and lodging may be obtained. The janitor will attend to the transportation of baggage from the depots.

From Union Station take the Eighteenth street (Park avenue) line, at the corner of Eighteenth and Market streets, and going south and west to the corner of Grand and Park avenues, thence one block north to the college.

Students are required to occupy seats which are assigned to them. Assignments will be made in the order of matriculation.

The Dean and Secretary will be at the college daily, where students may consult them during their office hours, from 12 to 1. Students should bring with them all their credentials in the way of previous medical courses, certificates from high schools or other institutions, preceptor's certificate, and all evidences of work already done in the study of medicine, the sciences and other branches of knowledge. Evidences of previous work and all credentials must be placed in the hands of the Secretary during the first three weeks of the session.

Good board and lodging, near the college, can be secured at the rate of $3.50 to $5.00 per week. Students who club together can board for less. Rent is low in the neighborhood of the college, and those who bring their families will find it inexpensive to live in St. Louis. For further information address:

Y. H. Bond, M. D., Dean, or H. W. Loeb, M. D., Sec'y,
Grand Avenue and Caroline Street, St. Louis, Mo.
Telephones: Kinloch, Victor 347; Bell, Grand 289.

Outline of Course.

The course of instruction, which covers four years, comprises lectures, sectional work in clinics, laboratory work, practical intsruction by actual examination, diagnosis and treatment of patients, stereopticon displays from drawings, photographs and microscopical slides, written reviews, exercises and written and oral examinations.

A system of periodical written reviews has been made a requirement. From time to time students are given sets of questions in the different departments which they are required to answer in writing. The corrected papers are returned, and thus each student, besides receiving the benefit afforded by such a drill, is also enabled to correct any errors which may have crept into his studies.

FRESHMAN CLASS—FIRST YEAR.

First Semester.

ANATOMY.
- Lectures, Quizzes and Exercises.
- Laboratory Work, nine hours a week.

CHEMISTRY.
- Lectures, three hours a week.
- Exercises, one hour a week.
- Laboratory Work, eight hours a week.
- Demonstrations, with lectures.

NORMAL HISTOLOGY.
- Lectures and Exercises, three hours a week.
- Laboratory Work, six hours a week.

Examinations in Anatomy and Chemistry.

Second Semester.

ANATOMY.
- Lectures, Quizzes and Exercises.
- Laboratory Work, nine hours a week.

CHEMISTRY.
- Lectures, three hours a week.
- Exercises, one hour a week.
- Laboratory Work, four hours a week.
- Demonstrations, in conjunction with lectures and laboratory work.

EMBRYOLOGY.

LECTURES, three hours a week, last half of semester.
LABORATORY WORK, six hours a week, last half of semester.

NORMAL HISTOLOGY.

LECTURES AND EXERCISES, three hours a week, first half of semester.
LABORATORY WORK, six hours a week, first half of semester.

PHYSIOLOGY.

LECTURES, two hours a week.
EXERCISES, one hour a week.
LABORATORY, four hours a week.
DEMONSTRATIONS, in conjunction with lectures.

PHYSIOLOGICAL CHEMISTRY.

LECTURES, two hours a week.
EXERCISES, one hour a week.
LABORATORY WORK, four hours a week.
DEMONSTRATION, in conjunction with lectures.

EXAMINATIONS in Anatomy, Histology, Chemistry, Physiology, Physiological Chemistry and Embryology.

SOPHOMORE CLASS—SECOND YEAR.

First Semester.

ANATOMY.

LECTURES, two hours a week.
EXERCISES, one hour a week.
LABORATORY WORK, in dissection, six hours a week.
DEMONSTRATIONS, in conjunction with lectures and laboratory work.

BACTERIOLOGY.

LECTURES, two hours a week.
EXERCISES, one hour a week.

PATHOLOGY.

LECTURES, two hours a week.
RECITATIONS, one hour a week.
LABORATORY WORK, six hours a week.
DEMONSTRATIONS, in conjunction with lectures and laboratory work.

PHYSIOLOGY.

LECTURES, two hours a week.
RECITATIONS, one hour a week.
LABORATORY WORK, six hours a week.
DEMONSTRATIONS, in conjunction with lectures and laboratory work.

PHYSIOLOGICAL CHEMISTRY.

LECTURES, two hours a week.
RECITATIONS, one hour a week.
LABORATORY WORK, six hours a week.
DEMONSTRATIONS, in conjunction with lectures and laboratory work.

EXAMINATIONS in Anatomy, Physiology, Physiological Chemistry and Pathology.

Second Semester.

ANATOMY.

LECTURES, one hour a week.
LABORATORY WORK, in dissection, six hours a week.
DEMONSTRATIONS, in conjunction with lectures and laboratory work.

PHARMACOLOGY.

LECTURES, three hours a week.
LABORATORY WORK, six hours a week.

PATHOLOGY.

LECTURES, two hours a week.
RECITATIONS, one hour a week,
LABORATORY WORK, six hours a week.
DEMONSTRATIONS, in conjunction with lectures and laboratory work.

BACTERIOLOGY.

LABORATORY WORK, nine hours a week.

PHYSICAL DIAGNOSIS.

EXERCISES, in sections, one hour a week.

SURGERY.

LECTURES ON SURGICAL ANATOMY, one hour a week.

NEUROLOGY.

LECTURES ON LABORATORY WORK, four hours a week.

EXAMINATIONS in Anatomy, Pathology, Pharmacology, Physical Diagnosis, Bacteriology, Neurology and Surgical Anatomy.

JUNIOR CLASS—THIRD YEAR.

First Semester.

BACTERIOLOGY.
Lectures, two hours a week.
Exercises, one hour a week.
Laboratory Work, six hours a week.

CLINICAL CHEMISTRY AND MICROSCOPY.
Laboratory Course, four hours a week.

DISEASES OF THE CHEST.
Lectures, one hour a week.

GYNECOLOGY.
Lectures, two hours a week.

HYGIENE.
Lectures, one hour a week.

MEDICINE.
Lectures, four hours a week.
Clinical Lectures, four hours a week.

OBSTETRICS.
Lectures, two hours a week.

OPHTHALMOLOGY.
Lectures, one hour a week.

PATHOLOGICAL ANATOMY.
Demonstration, two hours a week.
Autopsy Demonstrations, to sections of the class.

PHYSICAL DIAGNOSIS.
Lectures and Exercises, one hour a week.

SURGERY.
Lectures, two hours a week.
Clinical Lectures, five hours a week.

THERAPEUTICS.
Lectures, two hours a week.

Examinations in Bacteriology.

Second Semester.

CLINICAL CHEMISTRY AND MICROSCOPY.
Laboratory Course, four hours a week.

DISEASES OF THE CHEST.
Lectures, one hour a week.

GYNECOLOGY.
Lectures, two hours a week.

HYGIENE.
Lectures, one hour a week.

MEDICINE.
Lectures, four hours a week.
Clinical Lectures, four hours a week.

NERVOUS AND MENTAL DISEASES.
Lectures, one hour a week.

OBSTETRICS.
Lectures, two hours a week.

OPHTHALMOLOGY.
Lectures, one hour a week.

PATHOLOGICAL ANATOMY.
Demonstrations, two hours a week.
Autopsy Demonstrations, to sections of the class.

PHYSICAL DIAGNOSIS.
Lectures and Exercises, one hour a week.

SURGERY.
Lectures, two hours a week.
Clinical Lectures, five hours a week.
Laboratory Work in Minor Surgery, two hours a week.

THERAPEUTICS.
Lectures, two hours a week.

EXAMINATIONS in Clinical Chemistry and Microscopy, Hygiene, Pathological Anatomy, Physical Diagnosis, Surgical Pathology and Minor Surgery.

SENIOR CLASS—FOURTH YEAR.

DERMATOLOGY AND SYPHILIS.

Lectures, with clinical instruction, one hour a week.
Practical Clinical Instruction, to sections of the class.

DISEASES OF CHILDREN.

Lectures, with clinical instructions, one hour a week.
Practical Clinical Instruction, to sections of the class.

DISEASES OF THE CHEST.

Clinical Lectures, one hour a week.
Practical Clinical Instruction, to sections of the class.

ELECTRO-THERAPEUTICS.

Laboratory Work and Demonstrations, one hour a week.

GENITO-URINARY DISEASES.

Lectures, with clinical instruction, one hour a week.
Practical Clinical Instruction, to sections of the class.

GYNECOLOGY.

Lectures, one hour a week.
Practical Clinical Instruction, to sections of the class.

MEDICAL JURISPRUDENCE.

Lectures, one hour a week during the second semester.

MEDICINE.

Clinical Lectures, six hours a week.
Practical Clinical Instruction, to sections of the class.

NERVOUS AND MENTAL DISEASES.

Lectures, two hours a week.
Clinical Lectures, one hour a week.
Practical Clinical Instruction, to sections of the class.

NOSE AND THROAT DISEASES.

Lectures, with clinical instruction, one hour a week.
Practical Clinical Instruction, to sections of the class.

OBSTETRICS.

Lectures, two hours a week.
Practical Clinical Instruction, including confinement and demonstrations of signs of pregnancy.

OPHTHALMOLOGY.

Lectures, with clinical instruction, one hour a week.
Practical Clinical Instruction, to sections of the class.

ORTHOPEDIC SURGERY.

Lectures, one hour a week, first semester.

Practical Clinical Instruction, to sections of the class.

OTOLOGY.

Lectures, with clinical instruction, one hour a week.

Practical Clinical Instructions, to sections of the class.

PATHOLOGICAL ANATOMY.

Autopsy Demonstrations, to sections of the class.

RAILWAY AND MILITARY SURGERY.

Lectures, one hour a week, second semester.

SURGERY.

Lectures, two hours a week.

Clinical Lectures, eight hours a week.

Practical Clinical Instruction, to sections of the class.

Laboratory Work, in operative surgery on the cadaver, one hour a week.

PRACTICAL CLINICAL INSTRUCTION.

In order to provide clinical instruction in the most acceptable manner, the college has instituted a system of personal clinical instruction conducted by the professors and their assistants. The Senior class is divided into sections of six, and each section will serve two weeks in each department. In this way every student of the Senior class will have an opportunity of coming into close contact with morbid conditions of all kinds. A list of these courses is appended. Additional courses will be announced before the opening of the session.

Gynecology and Pelvic Surgery, Grand Avenue Dispensary.

Surgery, Alexian Brothers' Hospital.

Surgery, Josephine Hospital.

Surgery, St. Mary's Infirmary.

Ophthalmology, Grand Avenue Dispensary.

Medicine, St. John's Clinical Dispensary.

Chest Diseases, Grand Avenue Dispensary.

Ophthalmology, Grand Avenue Dispensary.

Medicine, Grand Avenue Dispensary.

Obstetrics, St. Ann's Lying-In Infirmary.

Nose and Throat Diseases, Grand Avenue Dispensary.
Nose, Throat and Ear Diseases, St. John's Clinical Dispensary.
Children's Diseases, Grand Avenue Dispensary.
Nervous Diseases, St. John's Clinical Dispensary.
Surgery, Grand Avenue Dispensary.
Otology, Grand Avenue Dispensary.
Medicine, Grand Avenue Dispensary.
Surgery, Grand Avenue Dispensary.
Nervous Diseases, Grand Avenue Dispensary.
Genito-Urinary Surgery, Grand Avenue Dispensary.
Surgery, St. John's Clinical Dispensary.
X-Ray Methods.
Dermatology and Syphilis, Grand Avenue Dispensary.
Tuberculosis, Mt. St Rose Throat and Chest Hospital.
Medicine and Surgery, St. Louis Marine Hospital.
Medicine, Alexian Brothers' Hospital.
Children's Diseases, St. John's Clinical Dispensary.
Gynecology, St. John's Clinical Dispensary.
Dermatology and Syphilis, St. John's Clinical Dispensary.
Orthopedic Surgery, Grand Avenue Dispensary.
Orthopedic Surgery, St. John's Clinical Dispensary.
Mental Diseases, St. Vincent's Institution for the Insane.
Obstetrics, Obstetric Clinic.
Obstetrics, Obstetric Dispensary.

Detailed Outline of Course.

The departments in which instruction is given are classified alphabetically under the following heads.

Anatomy, Histology, Neurology and Embryology.

Chemistry, Organic and Inorganic.

Dermatology and Syphilology.

Diseases of Children.

Genito-Urinary Surgery.

Gynecology and Pelvic Diseases.

Hygiene.

Medical Jurisprudence.

Medicine, including Chest Diseases, Physical Diagnosis and Clinical Chemistry and Microscopy.

Nervous and Mental Diseases.

Nose and Throat Diseases.

Obstetrics.

Ophthalmology.

Otology.

Pathology and Bacteriology, including Pathological Anatomy.

Physiology, Physiological Chemistry and Pharmacology.

Surgery.

Therapeutics.

ANATOMY, HISTOLOGY, NEUROLOGY AND EMBRYOLOGY.

ALBERT C. EYCLESHYMER, B. S., Ph. D., Professor and Director.
PETER POTTER, A. M., M. D., Associate Professor.
JAMES MEREDITH WILSON, Ph. B., M. D., Assistant Professor.
HERBERT D. KISTLER, Instructor.
E. H. GOODLOE, M. D., Assistant.
D. C. TODD, M. D., Assistant.
WILLIAM D. BLACK, M. D., Assistant.
FREDERICK W. BAILEY, M. D., Assistant.
MAJOR G. SEELIG, A. B., M. D., Assistant.
WILLIAM E. LEIGHTON, A. B., M. D., Assistant.
CHARLES O. GIESE, A. B., Assistant.
A. B. STREEDAIN, Artist.
MARTIN SCHMIDT, Technician.

Giving Special Courses in the Department.

CARL BARCK. A. M., M. D., Professor.
ADOLF ALT, M. D., M. C. P. S., Ont., Professor.
HANAU W. LOEB, A. M., M. D., Professor.
MAX A. GOLDSTEIN, M. D., Professor.
CLARENCE M. NICHOLSON, M. D., Professor.
SIDNEY I. SCHWAB, M. D., Professor.
ARTHUR N. CURTIS, M. D., Professor.

General Statement.

The great advance in medical education during the past decade is in large measure due to the fact that in the fundamental sciences teaching and investigation have gradually become a profession. With this change there has come a substitution of laboratory work for didactic teaching. This is especially noticeable in anatomy and its subdivisions. In many of the leading medical schools but few lectures are given, the laboratory, quiz and text-book being the principal means of acquiring anatomical facts. In view of this tendency the instructors in the department of anatomy have so framed the courses that these phases of the work are given special emphasis while the didactic teaching is reduced to a minimum.

The Anatomical, Histological and Embryological Laboratories, Museum and Library.

The anatomical laboratories occupy the entire top floor of the main building. They comprise the following: Large dissecting room 50 by 50 feet, which is well lighted by both skylights and windows. Three private rooms for prosecting and research work; an embalming room and a storage room. These rooms are well lighted, heated and ventilated, and are equipped with all necessary apparatus. An abundance of material for class and research work is provided and great care is taken in its preparation.

The laboratories of histology, neurology and embryology occupy, in common with pathology, the second floor of the new laboratory building. The laboratories are equipped with one hundred and fifty of the most modern Leitz microscopes, together with apparatus and sets of reagents for histological and embryological work.

On the third floor is a series of private work-rooms for instructors and assistants. These rooms connect with the research laboratory which is equipped with apparatus for investigative work, including various forms of microtomes, Thoma-Jung, Reichert, Minot, Cambride rocking, precision scales, thermostats, incubators, paraffine ovens, apparatus for making wax plates for reconstructions, technical glassware, reagents, Grubler's stains, etc. During the past year a large number of human embryos have been collected, and these, together with embryological series of several vertebrates, provide material for investigative work.

Adjoining the research laboratory is a library containing works of reference as well as the current numbers of all the principal anatomical, histological, neurological and embryological journals.

COURSES IN ANATOMY.

1. Comparative Anatomy. As an introduction to the macroscopic and microscopic anatomy, students are required to dissect a mammal. The object of this dissection is to develop some of the principles underlying human anatomy. Especial attention will be given to the viscera, the blood vascular system, and the central nervous system.

The course will cover a period of eight weeks at the beginning of the first semester. Laboratory nine hours a week; quizzes daily. Associate Professor Potter, Mr. Kistler, and assistants.

2. Human Osteology. Following the course in comparative anatomy, the student will make a systematic study of the entire human skeleton. The form, topography and structure of each bone will be

considered with special reference to its position, pressure planes, function, etc. A complete skeleton will be furnished each student who will study and draw the bones in the laboratory under the direction of an instructor.

The course will cover a period of eight weeks following the comparative anatomy. Laboratory nine hours; quizzes daily; recitations one hour; lecture one hour. Associate Professor POTTER, MR. KISTLER, DR. TODD, DR. GOODLOE and assistants.

3. HUMAN DISSECTION. Following the osteology the student begins a systematic dissection of the body. During the first year the student will dissect one-half of either the upper or lower portion of the body, and during the first half of the second year he will complete his dissection.

Laboratory nine hours per week; quizzes daily; recitations and lectures. Associate Professor POTTER, MR. KISTLER, DR. TODD, DR. GOODLOE and assistants.

4. TOPOGRAPHICAL ANATOMY. Having completed the systematic dissection, the student proceeds to a study of the topography and relations of the various regions and parts of the body by means of serial sections of formalin-hardened bodies. Each student is furnished a set of sections of the trunk and limbs and is required to make an outline drawing of each section. These drawings, correctly labeled, are submitted to the Anatomical Staff, together with a thesis upon an assigned topic, at the end of the course.

Laboratory two hours, three times a week; recitation one hour a week. Second semester, second year. Associate Professor POTTER, MR. KISTLER and assistants.

5. NEUROLOGY. Dissection of the brain and the organs of special sense of a mammal (sheep), followed by horizontal, coronal and sagital sections of the human head with organs in situ. The dissection of the sheep brain is accompanied by a study and demonstration of the human brain.

Laboratory four hours per week. First half of second semester of second year. Associate Professor POTTER, Mr. KISTLER and assistants.

Supplementary Lectures.

Lectures on the following subjects accompany the laboratory work.

a. ARTHROLOGY. General classification of joints, movements of which each joint is capable, mechanism of movement, by what limited and to what extent, bursae communicating with each joint, etc.

b. MYOLOGY AND ANGEIOLOGY. Segmental arrangement of

muscles, nerves and blood vessels, synovial sheaths, arterial anomalies, ontogenetic, phylogenetic and surgical significance.

c. Splanchnology. Topographical relations and changes in the viscera during growth, the formation of peritoneal fossae, development of omental cavities, etc.

d. Neurology. The cerebro-spinal axis and its membranes; the cranial and spinal nerves; the sympathetic system; the organs of special sense.

COURSES IN HISTOLOGY AND EMBRYOLOGY

6. Cytology, Histology, Microscopic Anatomy. The work is introduced by a brief study of the microscope and its accessories, together with the principles involved in the preparation of microscopic objects, the examination of living tissues, fixing tissues, imbedding, sectioning, staining, etc.

Following this, the simple cell is studied in both fresh and stained preparations. In the same manner the variously modified cells, such as epithelia, blood and lymph, connective tissue, muscle and nerve are studied. Having become acquainted with the elements of the fundamental tissues these tissues are studied, and finally the various organs of the body are taken up systematically.

The course covers the first semester and first half of the second semester. Laboratory six hours per week; quizzes daily; recitations and lectures three hours per week. Professor Eycleshymer and assistants.

7. Embryology. The work begins with the study of the ovum, maturation, ovulation and its relation to menstruation, the spermatozoon, segmentation, gastrulation, formation of germ layers, formation of embryo, foetal envelopes, placenta, relation of placenta to uterus, the formation of the principal tissues and organs. Throughout the course emphasis will be laid on congenital malformations and their causes.

The course will cover the last half of the second semester of the first year. Laboratory six hours per week; quizzes daily; recitations and lectures three hours. Professor Eycleshymer, Assistant Professor Wilson and Assistants.

8. Neurology. Following the study of the gross anatomy of the nervous system and sense organs, the student takes up the microscopic anatomy of these structures.

The course covers the last half of the second semester of the second year. Laboratory work, with lectures and exercises, four hours per week. Professors Eycleshymer and Schwab and Assistants.

Research Courses.

Students who are suitably qualified, and physicians who desire to do research work in the lines of anatomy, histology, neurology or embryology, will receive every encouragement which the department is able to offer.

9. Method in Anatomical, Histological and Embryological Research. Hours to be arranged. Professor Eycleshymer, Associate Professor Potter, Assistant Professor Wilson, Mr. Kistler and Assistants.

10. Research in Topographical Anatomy. A study of special regions from sections. Hours to be arranged. Associate Professor Potter, Mr. Kistler and Assistants.

11. Organology. Morphological and anatomical changes in certain organs during their life cycle. Hours to be arranged. Associate Professor Potter, Mr. Kistler and Assistants.

12. Advanced Histology and Cytology. The changes taking place in the cells and tissues will be followed from the blastogenic period to senile death. Certain cells and tissues will be taken as types and the general problems studied and discussed from this point of view. Hours to be arranged. Professor Eycleshymer and Assistants.

13. Embryology. The research work in embryology will comprise studies in the normal development of both the lower and higher vertebrates, together with experimental work on degeneration and regeneration. Professor Eycleshymer and Assistant Professor Wilson.

14. Neurology. The study of special problems in neurology from both the morphological and experimental standpoints. Professors Eycleshymer and Schwab.

15. Seminar. The members of the department will meet fortnightly with Physiology and Pathology to present and discuss the results of their special investigations, to review recent contributions to anatomical literature, and to consider the best lines of advance in selected fields of anatomical research.

Special Courses.

16. Anatomy of the Eye. Professors Barck and Alt.

17. Anatomy of the Nose and Throat. Professor Loeb.

18. Anatomy of the Ear. Professor Goldstein.

19. Surgical Anatomy. Professor Nicholson.

20. Anatomy of the Pelvis. Assistant Professor Curtis.

CHEMISTRY, ORGANIC AND INORGANIC.

GUSTAVUS D. HINRICHS, M. D., LL. D., Professor and Director.
CARL G. HINRICHS, Ph. C., Instructor.

1. Lectures, with experimental demonstrations, Freshman class, three hours a week, first semester.

Subjects: Heat and electricity as chemical agents; producing changes in states of aggregation, used for identification and preparation of chemicals by the operations of distillation, sublimation and dissociation. The metals and their chemical symbols; their properties, dry way tests and modes of extraction from ores; their solution and consequent compounds, especially those used in medicine. The operations of solution and crystallization and their application for the preparation and identification of chemical compounds by all means of observation, especially including that by means of the microscope. Classification of the chemical elements and compounds, with tests and modes of separation in the wet way. Outlines of a system of qualitative chemical analysis in the ordinary manner (macrochemical) followed by a concise course in microchemical analysis. The qualitative course of instruction is concluded with the consideration of the main facts of electrolysis and electro-chemistry which of late have found application in physiology.

At this point the student has become able to begin the consideration of quantitative chemical relations, expressed in chemical formulae and chemical equations, respectively for compounds and processes. A systematic description of the elements and their inorganic compounds closes the lecture course of the first semester.

Professor Hinrichs.

2. Lectures, with experimental demonstrations, Freshman class, three hours a week, second semester.

Subjects: Prime materials produced by plants and animals. Extraction of perfectly definite chemical compound from these materials, such as sugars, oils, acids, alkaloids. Chemical transformation of the same into alcohols, ethers, modern explosives, synthetics, etc. Recognition of chemical radicals remaining unchanged in these processes leads to the modern system of structural and developed chemical formulae that forms the guiding thread in the seeming labyrinth of modern organic chemical synthesis and analysis, clear and sound knowledge of which is becoming daily more necessary for the reading of advanced medical works. The fundamental processes involved are made plain by carefully selected demonstrative cases, studied by all the means at our disposal; boiling and fusing points, density and refraction, polarization and micro-chemical observation, synthetic and

analytical operations. These reactions and data are next applied as criteria of purity and identity, whereby modern organic chemicals used in medicine are recognized and valued. The course in organic chemistry closes with a systematic view of the building up of compounds from the elements and the general chemical circulation of matter in the inorganic and the organic world.

Professor HINRICHS.

3. EXERCISES, one hour a week, to the Freshman class during the entire year, covering the subjects of the above courses 1 and 2, with special drill on chemical formulae and chemical equations. Mr. HINRICHS.

4. LABORATORY WORK, Freshman class, eight hours a week (four exercises of two hours each), second semester.

This work is intended to put into practice, by the individual student, the operations and processes presented in the first course of lectures on inorganic chemistry. No time is taken for mere verification of statements and facts presented in the lectures (the experiments shown at the lectures are sufficient for that purpose); but the student is continually compelled to work analytically, that is, he cannot foresee the phenomena that may develop, but must look out for any and all possibilities, and must recognize the results of his experimentation critically and draw the proper conclusions from the same. The substances given for analysis are, by preference, selected from those of medicinal importance. The methods of research include not only all ordinary wet way operations, but also examinations with the spectroscope, the polariscope and especially the microscope, so as to lay a solid foundation for modern clinical chemical work.

Professor HINRICHS and Mr. HINRICHS.

5. LABORATORY WORK, Freshman class, four hours a week (two exercises of two hours each), second semester.

This work is intended to put into practice, by the individual student, the operations and processes presented in the second course of lectures, on organic chemistry. So far as possible, the same general object is kept in view, namely, the analytical training of the student in the field of organic chemistry, by working on materials which he must identify himself, but which have been selected from the large and rapidly increasing stock of medicinally important chemicals. To specify, he will not simply recognize a substance by means of, say a color reaction, but is expected to prove the presence of dominant radicals and confirm this by micro-chemical reactions and by fusing and boiling point determinations.

In this course the most important quantitative work required in

modern clinical chemistry will be prepared for by a course in volumetric and gasometric analysis, including the preparation and testing of the standard solutions. To this work only those students, who have acquired sufficient proficiency by careful and diligent work in the qualitative field, can be admitted. If work with a good balance and with fine burettes for liquids and gases is not begun by careful students who have trained hands, such quantitative work cannot be taken up; the time remaining is better devoted to further work in qualitative chemical analysis.

Professor HINRICHS and Mr. HINRICHS.

6. LECTURES, on the hygienic chemistry of air, water and food. Four lectures with experimental demonstrations will be given to the junior class during the first semester.

Professor HINRICHS.

7. LECTURES on chemical toxicology. Four lectures with experimental demonstrations, on the detection of inorganic and organic poisons, will be given to the Junior class during the second semester. Special attention will be called to the care that must be taken by the practitioner to prevent any missteps that would make a chemical examination impossible or rather useless.

Professor HINRICHS.

8. ADVANCED WORK, INCLUDING RESEARCH WORK in chemical analysis, hygienic chemistry and chemical toxicology, may be taken as electives by students who have satisfactorily completed the above required courses and who have shown a special aptitude for such chemical work.

Professor HINRICHS and Mr. HINRICHS.

DERMATOLOGY AND SYPHILOLOGY.

JOHN H. DUNCAN, M. D., Professor.

SENTER L. GETTYS, M. D., Clinical Instructor.

JOSEPH J. HOUWINK, M. D., Assistant.

1. DIDACTIC AND CLINICAL LECTURES ON DERMATOLOGY AND SYPHILOLOGY, to the Senior class, one hour a week. Professor DUNCAN.

2. PRACTICAL CLINICAL INSTRUCTION IN DERMATOLOGY AND SYPHILOLOGY, to the Senior class in sections, at the Grand Avenue Dispensary. Professor DUNCAN and Dr. HOUWINK.

3. PRACTICAL CLINICAL INSTRUCTION IN DERMATOLOGY AND SYPHILOLOGY, to the Senior class in sections at St. John's Clinical Dispensary. Dr. GETTYS.

DISEASES OF CHILDREN.

ROBERT C. ATKINSON, M. D., Professor.
JAMES R. CLEMENS, M. D., Clinical Instructor.
THOMAS B. POTE, M. D., Assistant.

1. Lectures, Clinical and Didactic, upon the various diseases of infancy and childhood, one hour a week to the Junior class.
Professor Atkinson and Dr. Clemens.

2. Practical Clinical Instruction, to the Senior class in sections, at the Grand Avenue Dispensary and Rebekah Hospital. Examination, diagnosis and treatment of diseases of children. Dr. Clemens.

3. Practical Clinical Instruction, to the Senior class in sections, at St. John's Clinical Dispensary. Dr. Clemens and Dr. Pote.

GENITO-URINARY SURGERY.

BRANSFORD LEWIS, M. D., Professor.
JOSEPH L. BOEHM, M. D., Assistant.
CYRUS E. BURFORD, M. D., Assistant.

1. Didactic and Clinical Lectures on Genito-Urinary Surgery, including gonorrhoea, complications and sequelae, sterility and impotence, and surgical affections of the kidneys. One hour a week to the Senior class. Professor Lewis.

2. Clinical Lectures, ten hours during session at the City Hospital. Professor Lewis.

3. Practical Clinical Instruction, to the Senior class, in sections at the Grand Avenue Dispensary and Rebekah Hospital. Professor Lewis and Dr. Boehm.

4. Cyscoscopy and Ureter Catherization. Special elective course open to Seniors and graduate students. Professor Lewis.

5. Demonstrations. Anatomy of the genito-urinary system to sections of the Senior class. Professor Lewis.

GYNECOLOGY AND PELVIC DISEASES.

YOUNG H. BOND, A. M., M. D., Professor.
LEONIDAS H. LAIDLEY, M. D., Professor.
WALTER B. DORSETT, M. D., Professor.
FRANCIS A. TEMM, M. D., Clinical Instructor.
FREDERICK C. BROOKS, M. D., Assistant.
JOHN M. BRADLEY, Assistant.

1. Lectures on Gynecology and Pelvic Diseases. One hour a week to the Senior class. Professor Bond.

2. Lectures on Gynecology and Pelvic Diseases. One hour a week to the Junior class. Professor Laidley.

3. Lectures on Operative Gynecology. One hour a week to the Junior class. Professor Dorsett.

4. Practical Clinical Instruction, to the Senior class in sections, at the Grand Avenue Dispensary and Rebekah Hospital. This course includes the examination of patients, and diagnosis of pelvic disorders. Professor Bond.

5. Practical Clinical Instruction to the Senior class, in sections, at St. John's Clinical Dispensary. Dr. Temm and Dr. Bradley.

HYGIENE.

JAMES M. GASSAWAY, M. D., Professor.

1. Hygiene, one lecture a week to the Junior class. This course deals with personal as well as public hygiene, the prevention of epidemics, the general improvement of the health of communities, food, sleep, clothing and exercise. Professor Gassaway.

THERAPEUTICS.

REMY J. STOFFEL, M. D., Professor.
HERMANN H. BORN, M. D., Professor.

1. Therapeutics, lectures two hours a week to the Junior class. Professor Stoffel.

2. Demonstrations and Experimental Work in Electro-Therapeutics, including the study of electrical phenomena with relation to the physiology of the body and the therapeutic application of electricity in all its aspects. Professor Born.

MEDICAL JURISPRUDENCE.

HON. SHEPARD BARCLAY.

1. Lectures, one hour a week to the Senior class, second semester.

MEDICINE.

WILLIAM G. MOORE, M. D., Professor.
JOSEPHUS R. LEMEN, M. D., Professor.
HUGO SUMMA, A. M., M. D., Professor.
JACOB FRIEDMAN, M. D., Professor.
GEORGE C. CRANDALL, B. S., M. D., Professor.
WILLIAM PORTER, A. M., M. D., Professor.
FREDERICK S. HAEBERLE, M. D., Instructor.
A. EDWARD MEISENBACH, M. D., Instructor.
HUDSON TALBOTT, M. D., Instructor.
LOUIS R. PADBERG, M. D., Instructor.
WILLIAM O. WINTER, M. D., Assistant.
HENRY VAN HOOK, M. D., Assistant.
A. L. ARMSTRONG, M. D., Assistant.
HORACE W. SOPER, M. D., Assistant.
HART GOODLOE, B. S., M. D., Assistant.

1. Clinical Lectures on Medicine, two hours a week to the Junior and Senior classes, at St. John's Hospital. Professor Moore.

2. Lectures on Medicine, two hours a week to the Junior class. Professor Summa.

3. Lectures on Medicine, two hours a week to the Junior class. Professor Crandall.

4. Clinical Lectures on Medicine, two hours a week to the Junior and Senior classes, at the City Hospital. Professors Summa, Friedman and Crandall.

5. Clinical Lectures on Medicine, two hours a week to the Senior class, at the Grand Avenue Dispensary. Professors Summa and Crandall.

6. Lectures on Chest Diseases, one hour a week to the Junior class, comprising diseases of the heart, lungs, pleura and mediastinum. Professor Lemen.

7. Clinical Lectures on Chest Diseases, one hour a week to the Senior class at the Grand Avenue Dispensary. Professor Lemen.

8. Clinical Lectures on Chest Diseases, course of five hours at the City Hospital, to the Senior and Junior classes. Professor. Lemen.

9. Clinical Lectures on Tuberculosis, course of five hours at the City Hospital to the Senior and Junior classes. Professor Porter.

10. Selected Topics in Medicine, course of ten lectures to the Senior class. Professor Moore.

11. Physical Diagnosis, lectures and demonstrations, one hour a week to the Junior class. Professor Summa and Dr. Haeberle.

12. Normal Physical Diagnosis, practical course to the Sophomore class in sections, equivalent to one hour a week.

13. Practical Clinical Instruction to the Senior class in sections, at St. John's Clinical Dispensary. Professor Moore, Dr. Soper and Dr. Goodloe.

14. Practical Clinical Instruction to the Senior class in sections, at the Grand Avenue Dispensary. Professor Summa and Dr. Winter.

15. Practical Clinical Instruction to the Senior class in sections, at the Grand Avenue Dispensary. Professor Crandall.

16. Practical Clinical Instruction in Chest Diseases, to the Senior class in sections, at the Grand Avenue Dispensary. Professor Lemen and Dr. Vogler.

17. Practical Clinical Instruction to the Senior class in sections, at Mt. St. Rose Throat and Chest Hospital. Professor Porter and Dr. Armstrong.

18. Practical Clinical and Bedside Instruction to the Senior class in sections, at the Alexian Brothers' Hospital. Dr. Meisenbach.

19. Practical Clinical Instruction to the Senior class, in sections. Dr. Talbott.

20. Practical Clinical Instruction to the Senior class, in sections, at the Alexian Brothers' Hospital. Dr. Padberg.

NERVOUS AND MENTAL DISEASES.

CHARLES G. CHADDOCK, M. D., Professor.

SIDNEY I. SCHWAB, M. D., Professor.

HENRY W. HERMANN, M. D., Clinical Instructor.

WILL RININGER, M. D., Assistant.

1. Lectures, on functional nervous diseases, including psychiatry, one hour a week to the Senior class. Professor Chaddock.

2. Lectures, on organic diseases of the nervous system, one hour a week to the Senior class. Professor Schwab.

3. Clinical Lectures on Psychiatry, one hour a week, second semester, to the Senior class, at the Insane Asylum. Professor Chaddock.

4. Practical Clinical Instruction, to the Senior class, in sections, at the St. John's Clinical Dispensary. Professor Chaddock and Dr. Rininger.

5. Practical Clinical Instruction, to the Senior class, in sections, at the Grand Avenue Dispensary. Professor Schwab.

6. Practical Clinical Instruction, to the Senior class, in sections, at the St. Vincent's Institution for the Insane. Dr. Hermann.

NOSE AND THROAT DISEASES.

HANAU W. LOEB, A. M., M. D., Professor.
ALBERT MILLER, A. B., M. D., Assistant.
JOHN A. LEAVY, M. D., Assistant.
IRVIN A. WEICHBROD, M. D., Assistant.

1. Didactic and Clinical Lectures, one hour a week to the Senior class.
Professor Loeb.

2. Practical and Clinical Instruction, including laryngoscopy, pharyngoscopy, rhinoscopy, examination of patients and diagnosis and treatment of throat and nose affections, to the Senior class in sections, at the Grand Avenue Dispensary and Rebekah Hospital. Professor Loeb and Drs. Leavy and Weichbrod.

3. Practical Clinical Instruction, to sections of the Senior class, at the St. John's Clinical Dispensary. Professor Loeb and Drs. Miller and Weichbrod.

4. Anatomy of the Nose and Throat, to the Senior class in sections. Professor Loeb.

OBSTETRICS.

BENJAMIN M. HYPES, A. M. M. D., Professor.
WILLIAM B. DORSETT, M. D., Professor.
ARTHUR N. CURTIS, M. D., Assistant Professor.
HUGO EHRENFEST, M. D., Clinical Instructor.
EDGAR P. WARD, M. D., Assistant.

1. Dystocia and Pathology of the Puerperium, two hours a week, Senior class. Professor Hypes.

2. Diseases of Pregnancy and Natural Labor, one hour a week, Junior class, second semester. Professor Dorsett.

3. Anatomy and Physiology of Generative Organs, one hour a week, Sophomore class, second semester. Assistant Professor Curtis.

4. Physiology of Pregnancy and Pathology of the Fetus, one hour a week, Junior class, first semester. Dr. Ehrenfest.

5. Practical Clinical Instruction in Obstetrics. The St. Ann's Lying-In Infirmary is available for clinical instruction in obstetrics. The work will be so arranged that the material will be utilized to the fullest extent. Two Senior students will be assigned to each patient and will be required to be present at the confinement. In addition the Senior class in sections will be given instruction upon obstetric patients before and after delivery, and upon infants at the two institutions. Professor Hypes and Assistant Professor Curtis.

6. Practical Clinical Instruction in Obstetrics. Fifty cases of confinement are available each term at the Obstetric Clinic. Two Senior students are assigned to each case. Dr. Ehrenfest.

7. Practical Clinical Instruction in Obstetrics. The Obstetric Dispensary attracts a large number of cases, which are assigned to students of the Senior class for delivery under the direction of the physician in charge and assistants. Dr. Ehrenfest.

OPHTHALMOLOGY.

CARL BARCK, A. M., M. D., Professor.
ADOLF ALT, M. D., M. C., P. S., Ont., Professor.
CLARENCE LOEB, A. M., M. D., Assistant.
WALDEMAR E. FISCHER, M. D., Assistant.
WILLIAM D. BLACK, M. D., Assistant.
ALBRECHT COLLASOWITZ, M. D., Assistant.
ALBERT S. STEINER, M. D., Assistant.

1. Lectures, one hour a week to the Junior class, first semester. Professor Barck.

2. Lectures, one hour each week to the Junior class, second semester. Professor Alt.

3. Lectures, one hour a week to the Senior class, first semester. Professor Alt.

4. Lectures, one hour a week to the Senior class, second semester. Professor Barck.

5. Practical Clinical Instruction, ophthalmoscopy, diagnosis and treatment of eye affections to the Senior class in sections at the Grand Avenue Dispensary and Rebekah Hospital. Professor Barck, Drs. Loeb, Fischer and Steiner.

6. Practical Clinical Instruction, ophthalmoscopy, diagnosis and treatment of eye affections, to the Senior class in sections at the Grand Avenue Dispensary and Rebeckah Hospital. Professor Alt and Drs. Black and Collasowitz.

7. Anatomy of the Eye. Demonstrations to the Senior class in sections. Professors Barck and Alt.

OTOLOGY.

MAX A. GOLDSTEIN, M. D., Professor.
J. CASSEL BUCKWALTER, M. D., Assistant.

1. Didactic and Clinical Lectures, one hour a week to the Senior class.

Professor Goldstein.

2. Practical Clinical Instruction, including otoscopy, examination of patients, diagnosis and treatment of ear effections to the Senior class in sections, at the Grand Avenue Dispensary and Rebeckah Hospital. Professor Goldstein and Dr. Buckwalter.

3. Anatomy of the Ear, demonstrations to the Senior class in sections. Professor Goldstein.

PATHOLOGY AND BACTERIOLOGY.

..... *Professor and Director.
HERBERT P. JOHNSON, † A. M., M. D., Associate Professor.
RALPH L. THOMPSON, A. M., M. D., Associate Professor.
DANIEL M. SCHOEMAKER, B. S., M. D., Assistant Professor.
RUTHERFORD B. H. GRADWOHL, M. D., Instructor.
DANIEL F. HOCHDOERFER, M. D., Instructor.
DOWNEY L. HARRIS, M. D., Instructor.
JULES M. BRADY, M. D., Assistant.
MARTIN SCHMIDT, Technician.

General Statement.

The Department of Pathology comprises gross and microscopical pathology, clinical pathology, bacteriology and parasitology. The instruction is given by lectures, laboratory work, quizzes, both oral and written, and autopsies.

Each student is required to keep a careful record of his work by means of drawings and written descriptions.

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*Positions to be filled.
†Absent on leave.

Pathology.

The course in pathology consists of laboratory work, demonstrations, post-mortem examinations, lectures and recitations. The aim is to have the practical work of the laboratory and autopsy room predominate; while the lectures and recitations are used to explain more fully the lesions studied in the laboratory.

The laboratory work consists of the study of microscopic specimens covering the field of general pathology, E. G., Inflammation; exudations; repair, retrograde processes, proliferation; phagocytosis; hypertrophy and hyperplasia; the pathology of the blood; the lesions produced by certain bacteria and protozoa; the circulatory system; tumors; the respiratory system; the gastro-intestinal system; the genito-urinary system; the nervous system. Students will stain, mount, study, and make drawings from sections embodying the above lesions. This work will be supplemented by demonstration and examination of gross lesions.

Post-mortem Examinations.

The autopsy room furnishes an opportunity for the study of the organs IN SITU and a consideration of the interdependent relations of various lesions. The student studies, handles and describes the gross lesions and makes frozen sections of the tissues for microscopic study. Special attention is given to rapid methods of microscopic diagnosis, both by means of staining and by teased preparations. Tumors and other pathological lesions are studied in the same way.

Research Courses.

Every encouragement will be given to men who wish to undertake research work. Those who desire can receive instruction in methods of fixing, mounting and cutting sections, and in the various differential stains, and all essential features of pathological technique. The individual need of each student will be considered rather than the giving of the same work to all and an attempt made to allow the student to develop his personality along the lines which seem best fitted for him.

Surgical Pathology.

The repair of wounds, the consideration of new growths and other conditions demanding surgical interference are dealt with in the general course, but special instruction is given to those wishing advanced work in this department.

Neuro-Pathology.

An opportunity is given for special work in diseases of the nervous system.

Bacteriology.

This subject, heretofore given in the Junior year, is now transferred to the Sophomore year. All the more important pathogenic and non-pathogenic forms are studied in the laboratory, the student making his own cultures, following their development, and submitting them to the various diagnostic tests. Whenever possible, the pathogenic effects of organisms are demonstrated by animal inoculations. Especial emphasis is laid upon the cultural, tinctorial, pathogenic, and other characteristics of the forms studied, in order to familiarize the student with the methods of bacteriological diagnosis. The examination of water, milk, sputum, etc., is made a feature of the laboratory course. The laboratory is equipped with the necessary reagents and apparatus, a separate outfit being assigned to each student, and a homogeneous immersion objective for individual use in all sections not exceeding thirty students. About seventy different species of bacteria are maintained in stock cultures for instruction and research.

A brief course of lectures and demonstrations will be given to the Junior and Sophomore classes. The most important animal parasites, their structure, life histories, pathogenic effects, and diagnostic characters will be considered. Especial emphasis will be laid upon the potozoan diseases, such as malaria, trypanosomiasis, and small-pox.

As far as the resources of the college permit, every facility is given to properly qualified students and physicians who wish to do research in pathology, bacteriology, and parasitology.

COURSES IN PATHOLOGY.

1. Laboratory Work, six hours a week, Sophomore class, throughout the year. Associate Professor Thompson and Drs. Harris and Brady.

2. Pathological Anatomy, two hours a week, Junior class. Associate Professor Thompson.

3. Autopsies, four hours a week, to sections of the Junior class. Associate Professor Thompson.

4. Lectures, three hours a week throughout the year to the Sophomore class, covering general and special pathology. Associate Professor Thompson.

5. Autopsy Course, demonstrations to sections of Senior class. Dr. Gradwohl.

6. Autopsy Course, demonstrations to sections of the Senior class. Dr. Hochdoerfer.

COURSES IN BACTERIOLOGY.

7. Laboratory for Juniors (two sections), nine hours a week, first semester. Assistant Professor Schoemaker.

8. Laboratory for Sophomores, nine hours a week, second semester. Assistant Professor Schoemaker.

9. Lectures, two hours a week to the Junior and Sophomore classes during October, November and December. Assistant Professor Schoemaker.

10. Lectures and Demonstrations to the Junior class, three hours a week during January. Assistant Professor Schoemaker.

Research Courses.

11. The Technique of Research in Pathology, Bacteriology and Parasitology. Associate Professor Thompson, Assistant Professor Schoemaker and Dr. Harris.

12. Special Problems in Pathology. Associate Professor Thompson.

13. Special Problems in Bacteriology. Assistant Professor Schoemaker.

14. Special Problems in the Study of the Parasitic Protozoa. Assistant Professor Schoemaker.

15. Seminar. Teachers and advanced students meet once in two weeks in conjunction with Anatomy and Physiology for discussion and reviews of current literature and criticism of results in research.

PHYSIOLOGY, PHYSIOLOGICAL CHEMISTRY AND PHARMACOLOGY.

ELIAS POTTER LYON, A. B., Ph. D., Professor and Director.
CHARLES HUGH NEILSON, B. S., Ph. D., Associate Professor.
ORVILLE H. BROWN, B. S., Instructor.
FRANK C. SIBLEY, M. D., Assistant.
PHILIP G. ZAPP, M. D., Assistant.
RUDOLPH S. VITT, Ph. G., M. D., Assistant.
DON ROSCOE JOSEPH, B. S., Assistant.
OLIVER P. TERRY, B. S., Assistant.

General Statement.

The aims of the Department of Physiology may be stated as follows:

1. It will attempt to ground its students thoroughly in the classical knowledge of the chemistry and physics of the human body, recognizing that this mass of facts is essential to medicine. This knowledge will be taught largely by the laboratory method. The student will

learn to do experiments for himself, thus receiving not only first-hand information, but also training for future work, whether investigational or purely technical.

2. It is recognized, however, that little of our traditional "Human Physiology" is really founded on the study of the human subject. Most of it is derived from experiments on animals. Much has been learned from the higher forms, such as the mammals; but very often a phenomenon is most clearly exemplified in the very lowest organisms. The basic principles of life are best studied in the simplest organisms. Therefore, the subjects of comparative and general physiology will be emphasized.

3. The direction of current research will be pointed out, and the student so guided that he may follow the progress of physiology and pharmacology and understand the applications to medical science which seem sure to follow in the next few years.

4. Research will be fostered and all who have the training and aptitude for original work will be given every opportunity and encouragement.

Laboratories and Library.

The laboratories for Physiology, Physiological Chemistry and Pharmacology occupy nearly two floors of the new building. They have recently been fitted out with all apparatus needed for a thorough modern course for medical students. Small laboratories for research work have also been established. Trained investigators are in charge of both the teaching and the research laboratories. A library has been started and most of the physiological journals are subscribed for.

COURSES IN PHYSIOLOGY AND PHYSIOLOGICAL CHEMISTRY.

1. Physiology of Blood, Circulation, Respiration, Digestion and Absorption. Second semester, Freshman year.

Lectures, two a week; recitations, one a week. Professor Lyon.

Laboratory work, four hours a week. Professor Lyon, Mr. Brown and assistants.

2. Physiology of Excretion, Metabolism, Muscle, the Nervous System and Senses. First semester, Sophomore year.

Lectures, two a week; recitations, one a week. Professor Lyon.

Laboratory work, six hours a week. Professor Lyon, Mr. Brown and assistants.

3. The Chemistry of the Cell, including enzyme action, second semester, Freshman year.

Lectures, two a week; recitations, one a week. Associate Professor Neilson.

Laboratory work, four hours a week. Associate Professor Neilson and assistants.

4. Chemistry of Excretions, chiefly urine. First semester, Sophomore year.

Lectures, two a week; recitations, one a week. Associate Professor Neilson.

Laboratory work, six hours a week. Associate Professor Neilson and assistants.

5. Conference. One hour a week during the second half of the Freshman year and first half of the Sophomore year will be devoted to the presentation and discussion of papers by students. Each student will be assigned a subject, with references to the original literature, which he must consult and critically review.

COURSES IN PHARMACOLOGY.

6. Pharmacology. Second semester, Sophomore year. Lectures, demonstrations and recitations, three hours a week. Mr. Brown. Laboratory, six hours a week.

Those desiring to do original work in this department should consult with Professor Lyon or Associate Professor Neilson. Hours and places for work will be arranged and such special help given as the nature of the problem demands.

Research Courses.

7 Research in Physiology. Professor Lyon and Mr. Brown.

8. Research in Physiological Chemistry. Associate Professor Neilson.

9. Seminar. The staff and advanced students of the department will meet fortnightly to discuss the recent literature on physiological subjects and present the results of their own investigations.

SURGERY.

FRANK J. LUTZ, A. M., M. D., Professor.
JACOB GEIGER, M. D., LL. D.. Professor.
WILLIAM A. McCANDLESS, M. D. Professor.
THOMAS C. WITHERSPOON, M. D., Professor.
CLARENCE M. NICHOLSON, M. D., Professor.
AUGUSTUS V. L. BROKAW, M. D., Professor.
H. C. FAIRBROTHER, M. D., Professor.
JOSEPH P. HENNERICH, M. D., Professor.
CLARENCE D. LUKENS, D. D. S., Professor.
HAROLD W. JONES, M. D., Clinical Instructor.
JOHN M. DEAN, A. M., M. D., Instructor.
LOUIS P. BUTLER, M. D., Assistant.
RUSSELL D. CARMAN, M. D., Assistant.
JESSE S. HIXSON, M. D., Assistant.
LOUIS S. BROWN, M. D., Assistant.
TRESTON R. AYARS, M. D., Assistant.
MARION L. KLINEFELTER, M. D., Assistant.
CHARLES D. COBB, M. D., Assistant.

1. Surgical Pathology, two lectures a week to the Junior class, first semester, including stereopticon demonstrations of microscopical specimens specially prepared to show the pathological changes in surgical conditions. Professor Lutz.

2. Regional Surgery, two lectures a week to the Senior class, second semester. Professor Lutz.

3. Regional Surgery, two lectures a week to the Senior class, first semester. Professor Geiger.

4. Fractures and Dislocations, two lectures a week to the Junior class, second semester. Professor McCandless.

5. Operative Surgery on the Cadaver, one hour a week to the Senior class. Professor Witherspoon.

6. Surgical Anatomy, lectures and demonstrations, one hour a week to the Sophomore class, second semester. Professor Nicholson.

7. Surgical Clinic, two hours a week at the Alexian Brothers' Hospital, Senior class. Professor Lutz.

8. Surgical Clinic, one hour a week at the St. Mary's Infirmary, Senior class. Professor McCandless.

9. Surgical Clinic, one hour a week at the City Hospital, Senior and Junior classes. Professors Geiger, Witherspoon and Nicholson.

10. Surgical Clinic, two hours a week at the St. John's Hospital, to the Senior and Junior classes. Professor Brokaw.

11. Surgical Clinic, at the Grand Avenue Dispensary, two hours a week to the Senior and Junior classes. Professors Geiger, Witherspoon and Nicholson.

12. Practical Clinical Instruction, to sections of the Senior class at the Alexian Brothers' Hospital. Professor Lutz and Hennerich.

13. Practical Clinical Instruction, to sections of the Senior class at St. Mary's Infirmary. Professor McCandless.

14. Practical Clinical Instruction, to sections of the Senior class in the Rebekah Hospital and Grand Avenue Dispensary. Professors Witherspoon and Nicholson and Drs. Carman and Cobb.

15. Practical Clinical Instruction, to the Senior calss, in sections, at the St. John's Hospital. Professor Brokaw and Drs. Hixon, Harris, Brown, Ayars and Klinefelter.

16. Practical Demonstration of X-Ray Methods, to the Senior class, in sections. Professor Brokaw.

17. Railway and Military Surgery, lectures one hour a week to the Senior class, first semester. Professor Fairbrother.

18. Orthopedic Surgery, lectures one hour a week one-half the year, didactic and clinical, to the Senior class. Dr. Jones.

19. Minor Surgery, laboratory course two hours a week, Junior class, second semester. Dr. Dean.

20. Practical Clinical Instruction in Orthopedic Surgery, to the Senior class, in sections, at the Grand Avenue Dispensary. Dr. Jones.

21. Practical Clinical Instruction in Orthopedic Surgery, to the Senior class, in sections, at the St. John's Clinical Dispensary. Dr. Jones.

22. Dentistry, course of six lectures. Professor Lukens.

TEXT-BOOKS.

Anatomy.—Cunningham, Morris, Gerrish, Gray, Quain—Atlases Spalteholz, Toldt Potter's Gross Sections—Dissecting Manuals; Cunningham, Holden.

Physiology.—Foster, Landis, Kirke.

Chemistry.—Hinrichs.

General Medicine.—Osler, Anders, Tyson, Struempel, Flint.

Diseases of Children.—Holt, Smith, Rotch, Jacoby.

Physical Diagnosis.—Lefevre, Cabot.

Therapeutics.—Cushney, Sollmann, Butler, Hare, Shoemaker.

Surgery.—Wharton and Curtis, Rose and Carless, Senn, Da Costa, Am. Text Book Surgery.

Surgical Anatomy.—Deaver, Woolsey, Isendrath, Treves.

Operative Surgery.—Bryant, Jacobson.

Fractures.—Hamilton, Stimson, Beck, Scudder.

Orthopedic Surgery.—Moore, Young.

Gynecology and Pelvic Surgery.—Pozzi, Byford, Garrigues, Elles, Penrose, Reed, Dudley, Pryor.

Obstetrics.—Hirst, Reynolds, Dorland, Williams.

Diseases of Nervous System.—Oppenheim, Dana, Starr, Gowers, Church and Peterson.

Insanity.—Berkley, Kraft-Ebing, Chaddock.

Ophthalmology.—Nettleship, Fick, Fuchs, Schweinitz, Norris-Oliver, Noyes.

Otology.—Bishop, Bacon, Dench, Ballenger.

Diseases of the Nose and Throat.—Kyle, Coakley, Greyson.

Genito-Urinary Surgery.—White and Martin, Keyes and Chetwood, Mracek's Atlas.

Hygiene.—Rosenau, Rohe, Parkes, Richardson.

Pathology.—American Text-Book, Stengel, McFarland, Hamilton, Ziegler (MacCalister).

Bacteriology,—Abbott, McFarland, Muir and Ritchie.

Histology.—Stoehr, Boem and Davidorf, Schaefer's Essentials, Szymonowicz; Atlas, Sobatta.

Embryology.—McMurrich, Quain, Heisler.

Legal Medicine.—Taylor, Keysor, Dwight (Peterson), Chapman.

Medical Dictionary.—Gould, Duane, American Illustrated.

Dermatology and Syphilis.—Stelwagen, Jackson, Hyde.

Books may be purchased at lowest rates at the College.

SCHOOL

OF

PHILOSOPHY AND SCIENCE

School of Philosophy and Science

FACULTY.

REV. W. BANKS ROGERS, S. J.,
Rector.

REV. JAMES J. SULLIVAN, S. J.,
Dean of the Faculty.

REV. MATTHEW McMENAMY, S. J.,
Lecturer on Special Metaphysics and Psychology.

REV. JAMES J. CONWAY, S. J.,
Lecturer on Ethics and Political Economy.

REV. BERNARD J. OTTEN, S. J.,
Lecturer on Special Metaphysics and Cosmology.

REV. ALOYSIUS J. ROTHER, S. J.,
Lecturer on Logic and Ontology.

REV. HENRY J. DELAAK, S. J.,
Lecturer on Mechanics and Physics.

REV. CHARLES J. BORGMEYER, S. J.,
Lecturer on Chemistry, Geology and Mathematics.

INTRODUCTORY STATEMENT.

The course in Rational Philosophy and Ethics extends over three years. The Latin language and the strict scholastic method are used, as they insure a better mental training and greater accuracy of thought. At regular intervals there are public disputations as an incentive to thoroughness and an aid to the acquisition of self-reliance. The examinations are oral; and students are expected to be able to expound and defend their theses before a board of at least four examiners.

The Scientific course, embracing Mechanics, Physics, Chemistry, Geology, Astronomy and Higher Mathematics, is coincident with the Philosophical course, as indicated below. Every facility is offered for thorough laboratory work and for original investigation.

Outline of Courses.

I. COURSE IN PHILOSOPHY.

FIRST YEAR

LOGIC AND ONTOLOGY

Lecturer, Rev. Aloysius J. Rother, S. J. Nine lectures a week. Seminar, four hours a week.

MINOR LOGIC.

Definition and division of Philosophy. The province of Logic, formal and material. Three acts of the mind.

Simple Apprehension. Classification of ideas. Subordination of genera. The heads of predicables. Classification and use of terms. Definition. Nominal definition. Real definition. Rules for definition. Division.

Judgment. Propositions, their nature and division. Opposition, conversion and equivalence of propositions.

Reasoning. Syllogism and its laws. Figures and modes of the syllogism. Various kinds of syllogisms. Demonstrations. Induction. Example and analogy. Analysis and synthesis. Fallacies. Science.

MAJOR LOGIC.

Truth. Definition of truth. Truth completely possessed in judgment only. Logical falsity. No false ideas. Judgments may be false.

Certitude. Nature of certitude in general. Ignorance, doubt, suspicion, opinion, probability. Metaphysical, physical and moral certitude. Natural and philosophic certitude. Universal skepticism. Methodic doubt. The primary principle, fact and condition of all knowledge.

Sources of certain cognition. Cousciousness. The senses. Ideas. Objectivity of ideas. Criticism of Kant's synthetic judgment "a priori". Intellect. Reason. Memory. Human testimony and belief.

Universals. Nominalism. Conceptualism. Ultra-Realism. True doctrine on Universals, as explained by St. Thomas.

Criterion of Truth. Blind impulse to believe. Sentimentalism. Traditionalism. Objective evidence.

ONTOLOGY.

Being. The concept of being. Being neither a generic nor a universal notion. Analogousness of being. Essence and existence. Possibility, internal and external. The possible precedes the actual. Internal possibility does not depend on God's will nor on His omnipotence; is not independent of God; depends on His essence and intelligence.

Attributes of Being. Unity. Individuality, identical with concrete nature. Identity and distinction. Truth of being. Goodness of being. How and why every being is good. Evil in being a privation.

Notions next in point of Generality to Transcendental Being. Substance. The reality of substance defined. False definitions of Locke, Spinoza, and Leibnitz. Accident, absolute and modal. Accidents really distinct from their substance. Accidents existing without substance. Substance as hypostasis and personality. Wrong and dangerous doctrine of Locke in regard to personality. Relation. Causality. Kinds of causality. Principle of causality.

The Perfection of Being. Simple and compound being. Necessary and contingent being. Finite and infinite being. Order and beauty.

SECOND YEAR

COSMOLOGY AND MINOR PSYCHOLOGY

Lecturer, Rev. Bernard J. Otten, S. J. Five lectures a week. Seminar, three hours a week.

COSMOLOGY

Origin of the World. Pantheistic Theories, Ancient and Modern: Materialistic Views: Philosophy of the Absolute.

Creation. Nature of the Creative act: Possibility of Creation. Fact of the World's Creation in Time. God the Creator of the Universe.

World Formation. Days of Creation. Kant-Laplace system. Mosaic Narrative. Geological Formation; Vulcanism, Neptunism. Age of the world; Unity, Order, Perfection.

Laws of Nature. The Correlation of Forces. Occult Powers, Animal Magnetism, Spiritism, Hypnotism. Contingency of Physical Laws. Nature and Possibility of Miracles; Cognoscibility.

Inorganic Bodies. Nature, Essence, Substance. Schools of Atomism (1) Greeks: Leucippus, Democritus, Epicurus; (2) Latin: Leucretius; (3) Moderns: Gassendi, Bacon, DesCartes, Newton. Leibnitz. Boscovich, Kant. Chemical Atomism. Vortex Theory.

Theory of Matter and Form. Historic Stages of Peripateticism. Conversion of Substances, Matter and Form. Nature and existence of Primal Matter. Thomist and Suaresian concept of Primal Matter. Attributes. The Nature, Properties and Division of the Substantial Form; its Education from the Potentiality of Matter. Principle of Privation. Union between Matter and Form. The Compound. Permanence of the Previous Elements.

Properties of Inorganic Bodies. Nature and Division of Quantity. Its Distinction from Substance. Theories of its Formal Effect. Doctrine of the Continuous. Local Extension and Circumscription. Impenetrability. Indivisible in Surfaces, Lines, Points. Activity of Bodies. Reality and Basis of Corporeal Forces. Ponderable, Imponderable Matter. Qualities of Bodies. Vibratory Motion.

Time. Duration. Eternity, Aeviternity, Succession in Duration. Definitions of Time; Aristotle, DesCartes, Kant, Balmes. Philosophical Divisions of Time; Its Objective Reality; Ultimate Measure; Presence. The Instant. Inception and Cessation of Beings in Time. Modes of Temporal Existence.

Space. The meaning. Internal and External Place. Place and Space. Concept and Classifications of Space. Absolute Space. Des Cartes, Kant, Newton. Objective Reality. Ubication of Bodies. Vacuum. Circumscriptive, Definitive, and Mixed Existence of Bodies in Space. Compenetration and Replication.

BIOLOGY

Definitions of Life. Animate, Inanimate Nature. Dual theory of Life; its Concepts; (1) Ancients: Plato, Aristotle, the Stoics. (2) Scholastics: Albert the Great, St. Thomas, Saurez. (3) Moderns: Stahl, Bichat, Cuvier, Wundt, Darwin, Haeckel.

Nature. Substantial and accidental. Life Force and Life. Immanency of Vital Actions.

Divisions. Vegetative, Sensitive and Intellectual Life. Nature and Scope of each.

Origin. Vitality of Matter—Cell Theory. Protoplasm, Organicism Biogenesis. Spontaneous Generation. God and the Origin of life.

Principle. Existence of Soul; its Nature; Substantiality of the Soul; Substantial Form of the body; Unicity of the Soul.

Vital Functions. Absorption and Assimilation. Movements. Respiration. Influence of Light, Temperature, Place Physical and Mechanical Properties. Growth. Decay. Death. Reproduction.

Organic Elements. Morphological Development. Cells. Protoplasm. Tissues. Shapes. Differentiation of Organs. Distinction of Vital Faculties. Soul Faculties. Sources of Vital Potencies. Organography.

NATURAL PSYCHOLOGY

Plant Soul. Its existence. Substantial Form of the Plant. Its Unicity, Dependence on Matter. Essential Distinction from Physical, Chemical and Mechanical Forces of Inorganic Matter.

Plant Structure. Vegetable Histology, Plant Tissues, Tissue Systems. Organography of Plants; Organs of Vegetation, the Root. Stem, Leaf, Organs of Reproduction, Flower-Structure, Stamens, Pistil, Fruit, Seed. Principles of Vegetable Classification.

Plant Activity. Processes in Nutrition: Absorption, Circulation, Transpiration, Respiration, Assimilation. Secretion, Immanent character of the Nutritive Activity. Plant Food. Causes of Nutrition. Growth and Nutrition. Processes of Generation: Aestivation, Fecundation. Fructification, Dissemination. Necrogenesis. Xenogenesis. Scissiparity. Oviparity. Scholastic Theory.

The Brute Soul. Essential Distinction between Plants and Animals. Sensibility. Intrinsic Dependence of Brute Soul on the Body; Mortality; Simplicity. Homogeneity, Unicity. Union of Body and Soul in Animals.

Organic Formation of Animals. General Form. The Skin and Appendages. The Skeleton, the Head and Trunk; Limbs, Muscular and Alimentary Systems. Organs of Circulation. Respiration, Secretion, Nervous System. Organs of Sense.

Functions. Nutrition, Growth, Generation, Animal Heat. Hunger and Thirst. Animal Spirits. Animals not Automata. Feeling, a True Cognition. Sensation and Organic Faculty. Brutes not Intelligent. Instinct. Sensitive Appetite. Locomotive Powers.

Classification of Animals. Aristotle. Principles of Linnaeus. Lamark. Cuvier, Blainville, Milne Edwards.

Origin of Species. Spontaneous Generation. Spencerian Evolution. Transformism. Haeckel. Darwin. Principles of Darwinism.

Nature and Kinds of Sensation. Psycho-Physics. Weber-Fechner Law. Psychometry. Sensation and Nerve Vibration. Scholastic Doctrines. Localization of Sensation. Objects of Sense Preception.

Organs of Sensation. The Nervous System. The Brain, Eye, Ear, Nose, Palate, Tongue, Skin. Philosophy of Sight, Hearing, Smell, Taste, Touch. Other Modes of Sensuous Consciousness, Organic Sensa-

tions, the Vital Sense, Sense of Temperature, Muscular Sensations. Law of Relativity. Internal Senses. Imagination, Memory. Sleep, Dreams.

Activity. Appetite. Movement: Automatic, Reflex, Impulsive. Pleasure and Pain.

THIRD YEAR

PSYCHOLOGY AND NATURAL THEOLOGY

Lecturer, Rev. MATTHEW MCMENAMY, S. J. Four lectures a week. Seminar, three hours a week.

PSYCHOLOGY

Psychology. Rational Life. Intellect and Sense.

Erroneous Views. Sensationalists, Associationists, Materialists, Positivists, Empiricists, Evolutionists. Doctrine of Descartes, Kant, Locke, Condillac, Balmes.

Correct View. Man has an intellect, a faculty essentially different from Sense. A simple and spiritual faculty. Brutes have no reasoning power.

The Intellect

Its objects, primary and secondary. Its acts, simple apprehension, judgment and reason.

The origin of Ideas.

Erroneous Opinions. Theory of innate ideas, Plato, Descartes, Leibnitz, Rosmini, Cousin, Fichte, Hegel, Kant. Theory of the Ontologists. Malebranche, Gioberti, Ubagh. Theory of Traditionalists, DeBonald, Bonnetti, Ventura.

Correct View. Scholastic Aristotelian Theory.

Judgment and Reasoning: Judgment defined; Analysis of Judicial process, Assent and Consent. Reasoning defined; Analysis of Ratiocination, Deduction and Induction, Implicit reasoning.

The Will

Its Existence in Man. Essentially different from the sensitive appetite. Its motive, etc.

Object. Spontaneous volition. Deliberation. Necessary and free acts.

The Nature of a Free Act. Determinism. The Will is free: Argument from Consciousness; from the consent of Mankind.

The Human Soul. Its substantiality, Identity, Simplicity, Spirituality. The only principle of life in man.

Materialism, Vitalism, Animism, Organism.

Union of Soul and Body. One Nature and one Person. Aristotelico-Scholastic Doctrine.

Doctrine of Plato, Malebranche, Leibnitz, Locke, Rosmini.

Locus of the Soul. Soul present throughout the body. Origin of the Soul. Traducianism. Creation. Time of its origin. Scholastic Doctrine.

Immortality of the Soul. Teleological and Ethical argument. Argument from universal belief.

NATURAL THEOLOGY

The Existence of God. Views of the Monotheistic Philosophers on the natural foundation of a reasonable belief in God. Refutation of so-called Ontological arguments. St. Anselm's argument.

Proofs for the existence of an Intelligent First Cause or Personal God. The metaphysical, physical and moral *a posteriori* arguments.

The Essence of God. His Attributes: Infinity, Unicity, Simplicity, Immutability, Eternity, Invisibility, Incomprehensibility.

Cognition of God. Its objects, primary and secondary. His cognition of the Possibles, of necessary and free future acts, of the Futurables.

The Will of God. Its object, primary and secondary. Necessary and free objects. His Will, the principle of Creation. The Creative Power can in no sense be shared by Creatures.

Divine Preservation and Concurrence. Divine Providence and its relation to existing evil. Scholastic differences as to the manner in which God concurs with creatures.

ETHICS

Lecturer, Rev. James J. Conway, S. J. Four lectures a week. Seminar, three hours a week.

GENERAL ETHICS

Ultimate End of Human Activity. Innate desire of happiness; its value in proving the existence and conditions of a future life. In the purely natural order the ultimate end of human life, perfect natural

happiness, consisting necessarily in a relatively perfect knowledge and love of God in the life to come. Supreme purpose of the present life, to shape conduct according to the exigencies of the higher destiny towards which man is tending.

Human Activity. Man, like every other being, attains to his end by acting conformably to his specific nature. A study of human activity. Human acts voluntary. Voluntary acts, considered in their physical nature, require an act of the will guided by a knowledge of the end for which the act is performed. They are modified or nullified by ignorance and passion. Voluntary acts studied in their moral nature. What acts can be called strictly moral acts. Essence of morality. Intrinsic difference between good and evil. Rule of morality and sources from which moral good and evil are derived.

The Law of Nature. In addition to the faculty of knowing right from wrong, man understands clearly that he is obliged to do the one and to avoid the other. General notions of law. There is a law existing in the mind of God from eternity. Through creation this eternal law is promulgated in man's rational nature. Proofs of the existence of a natural law, its scope and its properties. Relation of positive law to the law of nature. Analysis of the idea of obligation.

Rights. Man by reason of his social nature needs protection in the exercise of his liberty. Rights as distinguished from physical force. There are rights granted by nature which are valid independent of all positive legislation. The judicial order is not separate from the moral. The relation of man to the lower animals—vivisection.

APPLIED ETHICS.

Duties. Duties of man towards God. Duties of man towards himself, (a) towards his body, (b) his soul, (c) external things. Duties of men towards each other.

Right of Defence. The lie intrinsically evil and in all cases prohibited. Man may defend his life to the extent of destroying the life of an unjust aggressor, if the proper conditions be verified. Under the law of nature every man has a right to his honor and good name—this right, however, cannot be defended by acts of external violence; consequently the duel is prohibited by the law of nature.

The Right of Property. Various forms of socialism. Socialism not a remedy for existing social and economic difficulties. The right of acquiring and holding private possessions, a natural one.

SOCIAL ETHICS.

Domestic Society. Man by nature a social being. This social tendency develops first in domestic society. The nature and necessity, the end, obligation, unity, indissolubility of matrimony. Duties of parents and children in the family. The social instinct in man further develops itself in civil society.

Civil Society. Origin and efficient cause. Origin of authority. End of civil society; false opinions. Rights and duties belonging to civil authority—its supervision over morality, over religion in the natural order. Relation between church and state. Right of the state in the matter of education. Education a parental right primarily. Relation of public authority to economic and social questions. Various ways by which political power may be transmitted; heredity, election, victory, prescription.

Forms of Government. Their division, advantages and defects. That form best which seems most adapted to the character of the governed.

Functions of Authority. Legislative power, its necessity and scope. Executive power. Its duties in foreign representation, in procuring peace and security at home, in advancing morality the arts and sciences.

Judiciary Power; its necessity, its rights in civil and criminal cases. Capital punishment.

International Relations Treaties. War.

II. COURSE IN MATHEMATICS AND SCIENCE.

SECOND YEAR

PHYSICS AND MECHANICS.

Lecturer, Rev. Henry J. DeLaak, S. J. Seven lectures a week Demonstrations by students, two hours a week. Occasional public experimental lectures by students. Practice ad libitum.

Mechanics. Elements of theoretical Mechanics. Systems of units. Laws of motion: rectilinear and curvilinear. Simple and compound harmonic motion. Newton's laws. Work and energy. Composition, resolution and moments of forces. Equilibrium machines. Centres of inertia, gyration and oscillation. Rotation of masses; free and contrained. Simple and compound pendulum. Instantaneous and permanent axes. Gyrostats. Central forces and tangential inertia. Vortex motion. Properties of matter; elasticity and density.

Optics. Wave motion. Laws of propagation, reflection, refraction and interference of waves. Optics: mirrors, prisms, lenses. Telescopes, microscopes and spectroscopes. Propagation of light in aeolotropic media. Fresnel's ellipsoid of elasticity. Polarization by double refraction. Uniaxial and biaxial crystals. Plane, elliptical, circular, rotatory Polarization. Properties of thin films. Interference of light waves. Diffraction grating.

Electricity. The electrostatic field. Faraday-Maxwell stress theory. Theory of Potential. Electrostatic induction. Capacity. Measurement of electrostatic magnitudes. Electrostatic machines. Magnetism. Intensity of magnetization. Magnetic moment and magnetic induction. Properties of bodies: permeability, susceptibility, hysteresis. Magnetic measurements.

Electrodynamics. Conductors and Insulators. Electric displacement in dielectrics. Currents in conductors. Magnetic properties of Currents. Laws of attraction and repulsion. Thermal and chemical equivalents. Electrolysis. Storage batteries. Electromagnetic Induction. Mechanical equivalent of current energy. Direct and alternating dynamo-electrical machinery. Theory of the transformer. Distribution of energy. Motors: direct and alternating current. Synchronous, Induction and rotating field motors, single and polyphase. Electromagnetic measurements. Electrostatic and electromagnetic systems of units.

Disruptive Discharge. Transformation of alternating current periodicities. Oscillatory discharge. Radiation of electrical energy. Space telegraphy. Discharge through gases (at high and low pressure). Cathode rays and Röntgen rays. Maxwell's electromagnetic theory of light. Radiations in general.

Heat. Thermal energy. Temperature. Conduction and convection. Specific heat. Phenomena occurring in the change of state of bodies. Kinetic theory of gases. Absolute temperature. Liquefaction of gases. Isothermal and adiabatic expansion of gases. Thermodynamics. Carnot's cyle. Mechanical equivalent of heat. Steam engines and steam turbines. Giffard's Injector. Indicator diagrams. Gas engines. Acoustics: wave propagation in ponderable media. Stationary and traveling waves. Shearing and torsional stress in solids: Traverse vibrations. Elastic reaction to compression in fluids. Vibrating air columns. Consonance and resonance. Doppler's principle.

Hydrostatics. Equilibrium in fluids. Accumulators. Specific gravity. Fluids in motion; properties of jets. Water power. Turbines and impact wheels. Barometers. Air pumps. High Vacua. Surface tension of liquids.

TEXT: Watson. Ref. Daniell; Ganot; Dressel, S. J.; etc.

CHEMISTRY

Lecturer, Rev. Charles J. Borgmeyer, S. J. Three lectures a week.

Laboratory work, three hours a week and ad libitum.

Demonstrations by students, two hours a week.

General Chemistry. Chemical theory explained and illustrated by means of the elements and their compounds, inorganic and organic.

Laboratory Practice. Preparation of some elements and of compounds. Illustrations of chemical reactions, their laws, and modifying conditions. Practice assigned on the matter treated of in lecture next preceding.

Analytical Chemistry. Course in qualitative inorganic analysis, including methods for dissolving minerals.

Quantitative Analysis and Organic chemistry.

THIRD YEAR

MATHEMATICS. GEOLOGY.

Professor, Rev. Charles J. Borgmeyer, S. J.

Analytical Geometry. Four months, three hours a week.

Calculus. Four months, three hours a week.

Astronomy. Four months, two lectures a week.

Geology. Four months, two lectures a week.

III. Post-Graduate. Elocution.

Professor, Rev. David M. Johnson, S. J. One hour a week.

This class supposes a training in the elementary exercises of voice culture and expression, and aims at the practical application of these exercises to the selections studied. Special attention is given to naturalness in delivery; the selections are made to secure this end. Choice selections are studied, line by line. The different interpretations which may be given are considered. Emphasis and modulation of voice are insisted on. Class recitation of the selection follows.

A portion of the hour is devoted to the intelligent reading of Scripture.

SCHOOL OF PHILOSOPHY AND SCIENCE.

Schedule of Lectures.

A. M.	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.
8:50	Logic—1st Term. Ontology—2nd Term.	Physics.	
9:50	Mathematics.		Metaphysics.
10:40		Metaphysics.	
10:50			Mathematics—M. T. W. Geology—F. Astronomy—S.
10:50	Greek Acad.—Sun. Oratorical Acad.—Sun.	Greek Academy—Sun. Oratorical Academy—Sun.	Greek Academy—Sun. Oratorical Academy—Sun.
P. M.			
3:00	Mathematics—T. Logic or Ontology.—M. W. F. S.	Physics—T. S. Chemistry—M. W. F.	Seminar, Metaphysics—M. W. Seminar, Ethics—T. F.
5:30	Seminar, Log. or Ontol.	Seminar, Metaph—M. W. Repetition Phys.—T. Chem. F.	Ethics.

School of Divinity

School of Divinity.

FACULTY.

REV. W. BANKS ROGERS, S. J.,
Rector.

REV. JAMES J. SULLIVAN, S. J.,
Dean of the Faculty, Lecturer on Dogmatic Theology.

REV. BERNARD J. OTTING, S. J.,
Lecturer on Dogmatic Theology.

REV. FRANCIS B. KLOCKER, S. J.,
Lecturer on Dogmatic Theology.

REV. MICHAEL MARTIN, S. J.,
Lecturer on Pastoral and Moral Theology.

REV. FLORENTINE BECHTEL, S. J.,
Lecturer on Sacred Scripture and Oriental Languages,

REV. WILLIAM H. FANNING, S. J.,
Lecturer on Canon Law, Ecclesiastical History and Liturgy.

WILLIAM H. SCHIERMAN, S. J.,
Instructor in Sacred Music.

EMIL BAEHR, S. J.,
Instructor in Sacred Music.

INTRODUCTORY STATEMENT.

SECTIONS.

The School of Divinity is divided into four sections, each of which embraces those groups of studies which are closely related.

In the first, or Dogmatic Section, are included Dogmatic Theology, strictly so-called; and fundamental Theology, or General Apologetics.

In the second, the Moral Section, are included Moral Theology, Canon Law and Liturgy.

In the third, the Biblical Section, are included the General Introduction to Sacred Scripture, Exegesis and Hebrew.

The fourth, the Historical Section, deals with the history of the Church, its Councils and Institutions.

To these are added the studies of Sacred Eloquence and Ecclesiastical Music.

METHOD.

The course is entirely by lecture, supplemented by regular and frequent repetitions in the accurate scholastic form. The examinations are oral. Lectures and examinations are in Latin.

Outline of Courses.

SECTION I. DOGMATIC THEOLOGY.

Course II. Religion in General. The Church.

Lecturer, Rev. James J. Sullivan, S. J. Four lectures a week. Seminar, three hours a week.

RELIGION IN GENERAL.

Definition of Religion. Religion, the foundation of all obligation incumbent on man. Necessity of Religion for Society. Only one true Religion, which all men must embrace. Doctrine of Religious Tolerance.

Revelation. Possibility of Divine Revelation. Absolute Necessity of a Supernatural Revelation. Distinctive marks by which a true Revelation may be recognized. Miracles and Prophecies, certain signs of the Divinity of a Revelation.

Christian Revelation. The Four Gospels and the Acts of the Apostles, authentic historic documents. By the Miracles and Prophesies contained in the Four Gospels Christ proves His Divine Mission. Jesus of Nazareth proves Himself a Divine Messenger in particularly by His Resurrection from the dead. The spread of the Christian Religion, as testified to in history, an incontrovertible evidence of its divinity. Existence in the Church of a Tradition of divinely revealed doctrines and institutions. The Fathers have handed down Divine Tradition. Use of Holy Writ, Tradition and the Fathers, in Theology.

THE CHURCH.

Institution of the Church. Preliminary notions. The Church founded directly by Christ. The Church, a perfect Society. The proximate and ultimate ends of the Church. The Church, a Monarchy. Church and State. Members of the Church.

Marks of the Church. The Church, a visible organization, consisting of a body and a soul. There is but one true Church of Christ. Unity, Sanctity, Catholicity and Apostolicity, Marks of the true Church of Christ. The Roman Catholic Church possesses these Marks. No other Christian denomination has these Marks. The Church is Infallible. The infallible teaching of the Church extends to all matters pertaining to Faith and Morals. Scripture and Tradition, the two sources of the Church's teaching.

Supreme Head of the Church. St. Peter, constituted by Christ the Supreme Head of the Church. The Primacy of St. Peter in the Church will endure forever. The Pope, or Bishop of Rome, the Successor of St. Peter, and in the Primacy over the whole Church. The Pope's Primacy, by Christ's institution, a true power of jurisdiction, ordinary, immediate, comprising the fullness of the spiritual powers over all the members of the Church. Oecumenical Councils. The Pope Infallible when teaching "ex Cathedra," i. e., as Universal Teacher of the Church in matters appertaining to Faith and Morals.

Course II. Infused Virtues.

Lecturer, Rev. Bernard J. Otting, S. J. Four lectures a week.

Seminar, three hours a week.

GENERAL STUDY.

Existence. Only three theological virtues, Faith, Hope and Charity. Infused moral virtues.

Nature. New permanent principles of action in the supernatural order, but unlike the acquired virtues, they do not bestow facility of operation. Facility due to acquired natural virtues.

Cause. Sole efficient physical cause of supernatural virtues is God, who infuses all of them simultaneously in justification. In the just every supernatural action merits increase of sanctifying grace, and proportional increase in the intrinsic perfection of all the infused virtues.

Loss. Mortal sin deprives of sanctifying grace and infused virtues save faith and hope. These lost only through the sins of infidelity and despair. Venial sins neither destroy nor directly diminish intrinsic perfection of sanctifying grace or of infused virtues, but are a disposing cause of their ultimate loss through mortal sin.

SPECIAL STUDY. FAITH.

Its Nature. An act of supernatural faith an intellectual assent freely given under the impulse of the will to revealed truth because of the authority of God revealing it. Habit of faith defined: "A theological virtue, which properly disposes the intellect to give a supernatural assent to revealed truth on account of the revelation of God who is infinite truth and wisdom."

Material Object. Must extend explicitly or implicitly to all truths revealed by God, and those only. As to justifying faith, the distinction between fundamental and non-fundamental truths, historic faith, faith

of miracles, and faith in the promises of Christ, cannot be admitted. One's own justification and predestination cannot be affirmed by an act of supernatural theological faith. What is explicitly and also what is implicity, but formally, revealed, the object of faith; not, however, only virtually revealed.

Evolution. Revelation closed with the Apostles. There neither was nor will be further divine revelation obligatory on all men. There is an evolution in the material object of faith. False views, true views. This evolution consists in proposing explicitly, clearly, more urgently truths contained in the word of God as originally intrusted to the Apostles and preached by them, though only implicity, more or less obscurely, less insistently.

Private revelations. Who can and who must believe them with an act of divine faith.

Prerequisite to an Act of Faith. Certain knowledge of God's wisdom and truthfulness and of his revelation—that our faith may be a rational act; the reasons on which that knowledge rests, not the intrinsic and specifying motive of our assent in the divine act of faith itself. Sole motive of this assent, the authority of God revealing these truths to us. Character of this knowledge in the learned and the unlearned. Manner of acquiring it.

Analysis of the Act of Faith. Being a mediate assent to the revealed truth because of our assent to God's authority revealing it, an act of faith is a virtually discursive act. Difficulty of explaining the psychological nature of the assent with which in the act of faith itself we affirm God's authority and revelation. False explanations. Probable views. Saurez. de Lugo. Mazzella. It is known scientifically but mediately, that is, through the arguments of reason and in the motives of credibility, just as it was in the preparation for the act of faith. The act of faith not on this account ultimately resolved into these arguments and motives, for the reason that the intellect, under the impulse of the will and with the aid of grace, gives a free assent to both the formal and material object solely only on account of the authority of God revealing, and gives this assent commensurate to the dignity of that authority. Smit. This explanation is preferred.

Properties. An act of supernatural divine faith by its very nature obscure. This obscurity does not make it impossible for one to have scientific knowledge and faith with regard to the same truth; nor does it necessarily exclude evidence of God's revelation.

It is also certain. This certitude in a true sense surpasses all natural certitudes.

It is essentially true and also immediately free in as far as it is elicited only under the impulse of a free act of the will.

It must be universal; a deliberate doubt or denial of a single article of faith renders supernatural divine faith in any other article impossible.

Without actual faith in God's existence and in his being our remunerator in the supernatural order, salvation impossible for adults.—Other truths which must necessarily be believed explicity as a matter of precept.

Function of the Church and of reason in the matter of faith. The Church. Independently of the Church unity and universality of faith is impossible. The Inspiration of the whole of Scripture and the Canon of the Sacred Books can be known with certainty only through the infallible teaching of Christ's Church. Nature of inspiration. False views. True explanation. God the principal author of the sacred books and of all their parts. Nature of God's action on the mind and will of the sacred writer. Extent of inspiration. The Canon as determined by the Council of Trent proved historically. The authenticity of the Latin Vulgate. Its extent. As the written word of God is obscure even in matters of faith and morals, its absolutely certain and binding interpretation can be had only through the Church.

Reason. To investigate the motives which prove the credibility of divine revelation. This investigation to be directed to the fact of revelation and to the authority of God.

There never can be a real contradiction between true science and faith. Hence faith, far from rejecting science, seeks its aid, and instead of hindering the progress of science, rather favors and promotes it.

HOPE.

Its Nature. Distinction from faith and charity.—Its subject, found neither in the blessed nor in the damned, but only in this world in those who are not guilty of infidelity or despair.

Properties. The act of hope necessary for salvation. Absolute expectation of eternal beautitude, not certain without a special revelation. This uncertainty not attributable to God, but only to the possibility of man's not corresponding to God's grace.

Object. Its formal motive embraces God's relative goodness and omnipotence, mercy and fidelity; the former, in as far as it is a desire of eternal beautitude; the latter, in as far as hope includes energy and effort in the face of difficulties.

Primary material object, man's beautitude: everything conducive to that beautitude, its secondary object.

CHARITY.

Formal and material object. Formal motive God's absolute goodness. Material object primarily God, secondarily every creature capable of partaking of the eternal happiness of God.

Nature and Properties. Charity constitutes a true friendship between God and man.—Most excellent of virtues:—The vivifying principle of all others.—Good works done through charity are more meritorious; still the motive of charity is not required to make acts of other virtues meritorious.

REFERENCE. S. Thomas: Suarez, Ripalda, de Lugo, Smit, Stentrup, Wilmers, Franzelin, Schmid, Kilber, Pesch, Billot, Lahousse, Mendive, Tepe.

Course III. The Triune God.

Lecturer, Rev. BERNARD J. OTTING, S. J. Four lectures a week. Seminar, three hours a week.

THE ONE GOD.

Existence of God. God knowable to man through creatures. Defined by the Vatican Council. Proved from the Sacred Writings and the Fathers. Facility and universality of this knowledge.

Scientific Demonstration of this Truth. The various metaphysical, physical, and moral *a posteriori* arguments. Refutation of Traditionalism.

God not knowable naturally, except through creatures. Refutation of Ontologism, of Innate Idea of God, of St. Anselm's argument, of Sentimentalism.

Essence of God. A pure spirit of infinite perfection. Physical essence. Metaphysical essence. His self-existence expressed by His name—"I AM."

Attributes of God. His Unicity, Simplicity, Immensity, Immutability, Eternity, Omnipotence. Intuitive vision of God beyond the natural powers of created intellect. Comprehension of God impossible, even supernaturally. Distinction of God's Attributes from one another, and from His essence.

God's Knowledge. Principal and formal object of Divine Understanding. Secondary and material objects. God's knowledge of *simple understanding*, of VISION. His MEDIATE knowledge. Necessity of admitting it. Its function. Theoretical knowledge. Knowledge of approbation and disapprobation.

God's Will. Division: Antecedent and consequent will: absolute and conditional will: efficacious and inefficacious will.

Liberty of God's will. Nature of this liberty. How harmonized with his immutability.

Providence of God. Natural: Embraces all creatures. Supernatural: God's sincere will of man's salvation. Also of infants. Nature of this will. How modified by free created agents.

Predestination. Its existence and proprieties. Though certain and immutable in itself, it is naturally uncertain to man. Wholly gratuitous as regards the First Grace: merited as regards Eternal Glory. Various effects of Predestination. Reprobation, the fault of man.

THE TRINITY.

Existence of this Mystery. There are Three Persons in God. Their consubstantiality. Hence each Person is truly God. The various elements of this mystery clearly contained in numerous texts of Holy Scripture. The whole dogma proved from the formula of Baptism. (Matthew, XXVIII, 19).

Knowledge of this Mystery. How far revealed and known in the Old Testament. The Trinity and especially the consubstantiality of the Three Divine Persons in the writings of the Ante-Nicene Fathers. The Trinity is a mystery in the strictest sense of the word; still, though it is absolutely above reason, it cannot be proved to be contrary to reason.

Nature of this Mystery.

Processions in God. There are only TWO. Principles of these processions. Difference between these processions, as manifested in the Sacred Writings. That of the Word is Generation; that of the Holy Ghost is not. Various explanations of theologians to account for this difference. The Holy Ghost proceeds from the Father and the Son, who are ONE principle of procession.

Relations in God. Their existence, number, nature. How they constitute the Persons. They are really identical with the Divine Essence, but virtually distinct from it. There are in God three relative subsistences, but not an absolute one.

The Divine Persons. Their equality. In existence one in another. Appropriation of works and attributes to one Person. Scope of appropriation; foundation of appropriation. Mission of Divine Persons. Its nature. Visible mission. Invisible mission.

References: St. Thomas, Suarez. Vasquez, Toletus, Billuart, Platellius, Tournelly, Kleutgen, Franzelin, Piccirelli, DeSan, Pesch, Tepe, Mendive.

Course IV. God, as the Author of Nature and of the Supernatural.

Lecturer, Rev. BERNARD J. OTTING, S. J. Four lectures a week. Seminar, three hours a week.

GOD, AS THE AUTHOR OF NATURE.

Creation in General. Notion of creation. Various definitions. Formal object of creation. Nature of the creative act. Fact of the World's creation known through revelation. Reason's verdict on this fact. God's freedom of will in creating. The world was created in time or with time.

The three Divine Persons create, but there is One Creator. Appropriation of creation to the Father. Creation, as exclusively proper to God. Impossibility of instrumental causes in creation. Representation of the Essence of God and of the Trinity in creatures by TRACE—by IMAGE. God, as EXEMPLARY cause of all creatures. God, as the FINAL cause of creation. There is no final cause of God's creative act. Divine goodness, the reason of creation. Difference between a REASON and a CAUSE. God's extrinsic glory the end of creation.

Mode and order of the world's formation. The Mosaic Cosmogony. Various interpretations. The literal theory in its several forms. The epoch theory. The theory of IDEAL days. The Vision Theory preferred. Science and the Mosaic narration.

The Angels. Their existence certain. Each was immediately created by God in time and not from eternity. They are pure spirits and immortal. They are divided into three hierarchies and nine choirs. Their relation to place and space. Superiority of the angelic intellect. Nature and extent of the angels' knowledge. How far they reason. HEARING and SPEECH among the angels.

Man. The bodies of our first parents were immediately fashioned by God. Evolution of the body of man from lower animals seems to be contrary to revelation. No scientific proof has been advanced to establish such an evolution. Each human soul is created by God at the moment of its infusion into the body. There are only two constituent elements in man, a body and a spiritual soul. Nature of the union of these elements. All men have the same specific nature and spring from the same parent, Adam. There is no solid foundation for attributing an immense antiquity to man; on the other hand, as the Bible does not offer us a chronology in the proper sense of the term, there cannot be a conflict, on this question, between the results of scientific research and the Word of God.

GOD, AS THE AUTHOR OF THE SUPERNATURAL.

The Supernatural Order. Various meanings of the word NATURE. Preternatural and supernatural gifts. The supernatural order includes divine adoptive sonship and the DEIFICATION of the creature. God elevated his intelligent creatures to the supernatural order.

The Angels. During the time of their probation they were all endowed with sanctifying grace, and by means of it they were made the adopted sons of God. Many of them through their fidelity merited eternal life; the rest sinned and were condemned to eternal torments. The good angels are the guardians of men, each human being having such a tutelary spirit. The bad angels or demons are hostile to man, tempt him to sin and at times even take possession of him.

Man in the State of Original Justice. Our first parents were not only made the children of God by the infusion of sanctifying grace, but they were favored with other marvellous gifts. These were integrity of nature or immunity from concupiscence, infused knowledge, conditional immortality of body and immunity from suffering and sorrow. Connection of these preternatural gifts with supernatural grace. All these gifts were absolutely gratuitous, as was also man's destination to supernatural beatitude in heaven. Hence God might have created man in the state of PURE NATURE.

The Beautific Vision. Essentially the same for all the Blessed, but unequal in degree according to the merits of each. It is not deferred till the Day of Judgment. By its very nature it excludes the possibility of sin in the Blessed and is eternal.

Original Sin. It is transmitted to every human being that comes into the world by way of natural generation, the Blessed Virgin Mary alone excepted, who was preserved from its stain by the merits of Jesus Christ. Nature of this sin. How voluntary in us. Though transmitted by generation, its sole cause is the sin of Adam, the physical and moral head of the human race. Its effects in this life, in the next. It in nowise conflicts with the justice or wisdom or goodness of God.

REFERENCES: St. Thomas, Suarez, Bellarmine, Toletus, Tournelly, Casinius, Palmieri.

Course V. Sin. The Incarnation.

Lecturer, JAMES J. SULLIVAN, S. J. Four lectures a week.

Seminar, three hours a week.

SIN IN GENERAL.

Nature of Sin. Sin, a moral act at variance with the dictates of reason. Every sin an offense against God. Inequality of sins. The malice and offense of sin infinite only in a restricted sense.

Cause and Effects of Sin. God not the cause or author of sin. The guilt of sin distinct from its liability to punishment.

Personal Sin. The existence of venial sin proved from Holy Writ. Difference between mortal and venial sin, intrinsic to the sin and derived from the gravity of the obligation violated. Habitual sin consists in the guilt of actual sin morally persevering.

THE INCARNATION.

Existence of this Mystery. The time fixed by the Prophets for the advent of the Messias already passed. The messianic prophecies fulfilled in Jesus of Nazareth. The divinity of Christ proved from the Old and the New Testament.

Nature of this Mystery. The Word Incarnate, as One Physical Person; according to the Doctrine of the Church against Nestorious. Two perfect natures in Christ, against the Monophysite heresy. Two Wills and Two Operations in Christ, as defined against Monothelitism.

Causes of the Incarnation. Essence of the Hypostatic Union. The Hypostatic Union supernatural; ranks above all other unions, natural and supernatural. Its Perpetuity and extent.

The Person of the Word alone assumes human nature. The whole Trinity the efficient cause of the Incarnation. The Redemption of man from sin its final cause. Mary, the Mother of God; a Virgin before, in, and after the birth of Christ. The interchange of the predicates of the Divine and Human Nature in Christ.

Perfections of the Soul of Christ. The beatific vision. Infused and acquired knowledge. The Freedom and Impeccability of His Will. The Soul of Christ holy by the Increated Sancity of the Word and by the plenitude of sanctifying grace.

Attributes of the God-Man. The Divine Sonship of the Logos the only true sonship of Christ, excluding adoption and human sonship. Christ's Kingship and Priesthood.

The Atonement. The Hypostatic Union necessary if God wished adaquate satisfaction for sin. Christ truly atoned for sin. His satisfaction more than adequate, infinite in value. Christ died for all men.

The Worship due to Christ. The Man Christ an object of Divine worship. Adoration of the Sacred Heart of Jesus.

Veneration of Relics and sacred images. The Invocation of Saints.

Course VI. Grace.

Lecturer, Rev. Bernard J. Otting, S. J.
Outline of course will be published later.

Course VII. The Sacraments in General. Baptism.

Lecturer, Rev. James J. Sullivan, S. J.
Outline of course will be published later.

Course VIII. The Sacraments.

Lecturer, Rev. James J. Sullivan, S. J. Four lectures a week.
Seminar, three hours a week.

PENANCE.

Virtue. Real Distinction from the virtues theological and moral. Distinguishing motive. Material Object.

Sacrament. Institution, John XX. 21 sq. Errors of Reformers. Power to forgive, all embracing. Montanists and Novatians. Power of binding and loosing. Judicial Character. Requisites on the part of the Penitent.

Contrition. Nature of the Act. Perfect Contrition with implicit desire of the Sacrament, a means of Justification. Attrition, sufficient for proper reception of the Sacrament. Views of earlier Scholastics.

Confession. Necessity. Silence of Sacred Writers, no argument against. St. John Chrysostom. Per se, should embrace all mortal sins; Per accidens, formal integrity suffices.

Satisfaction. Efficacy in remitting temporal punishment.

Indulgences. Doctrine of the Church. (Council of Trent, Sess. 25.)

Minister. Only regularly ordained priests. Tradition. Errors of Waldensians, Wicklyffites, Reformers. Necessity of Jurisdiction. Meaning of Judicial Sentence, as expressed in the words of Absolution. Scholastic questions concerning Matter and Form. Opinion of Scotus.

References: St. Thomas, Suarez, De Lugo, Pesch, De San, Billot Mendive.

EXTREME UNCTION.

Nature. Sacrament of the New Law (Trid. XIV.). Essence of. Episcopal Benediction of Remote Matter essential.

Minister. Duly ordained Priest; Subject, adult person grievously sick. (St. James V., Trid. Sess. XIV. Denz. 807.)

Effect. Bestowal of Habitual Grace. Strength communicated to the soul against temptations and difficultics. Disposing the soul for entrance into life eternal. Restoration of health.

REFERENCES: St. Thomas, Suarez, Tepe, Wirceburgenses.

HOLY ORDERS.

Nature. Essential Distinction between Clergy and Laity, of Divine Right—a power and dignity conferred upon certain of the Faithful. A Sacrament of the New Dispensation. Minor and Major Orders. Bishops, Priests and Deacons.

Matter, Form, Minister. Imposition of Hands, Prayer of Bishop. Subject, Baptized Male Person. Clerical Celibacy. Anglican Orders. The Bull "Apostolicae Curae."

REFERENCES: St. Thomas, Palmieri, Billot, Mendive, Pesch, Wirceburgenses, Sasse, Brandi.

MATRIMONY.

Nature. Sacrament of the New Law. As such, identical with the Matrimonial Contract in the case of Christians. Propositions 66 and 73 of Syllabus. Matrimony of the unbaptized, not sacramental.

Minister, Matter, Form. Contracting parties, consent of Contracting Parties, of Parents.

Polygamy. The Natural Law. The Patriarchs. The Gospel.

Indissolubility. Matrimony of the Unbaptized. The Old Testament "Bill of Divorce." Pauline Privilege. Doctrine of Christ. Papal Dispensation.

Impediments. The Right of the Church to establish. Trid. XXIV.

REFERENCES: St. Thomas, Palmieri, Pesch, Mendive, Billot, Wirceburgenses.

DE NOVISSIMIS.

Existence of Hell. Teaching of the Church. Athanasian Creed. Fourth Council of Lateran. Constitution of Benedict XII. Scripture, Fathers, Reason.

Nature of Punishment. Eternity. Pain of Sense. Mivart.

Purgatory. Existence. Argument of St. Thomas. Certainty of Salvation of Souls suffering in.

Resurrection of the Body. Catholic Dogma. Specific and numerical identity of the body. Modern Relationalists answered.

Judgment. Particular Errors of Nestorius, Calvin. Time and Place. Universality. Chiliasm. The Millennium.

REFERENCES: St. Thomas, Suarez, Mazzella, Mendive, Billot, Jungmann.

SECTION I. DIVISION II.

COMPENDIOUS COURSE I.

REVELATION. THE CHURCH. FAITH.

Lecturer, Rev. FRANCIS B. KLOCKER, S. J. Five lectures a week. Seminar, one hour a hour.

REVELATION.

Divine Revelation. Its possibility, utility, moral and absolute necessity. Criteria of true revelation. Miracles and prophecies its divine seal.

Christian Revelation. The Four Gospels substantially genuine and authentic. The Messianic prophecies, their genuineness, their fulfillment in Jesus Christ, in particular those of Genesis, XLIX, 10; Daniel, IX, 24, etc.; Aggaeus, II, 7, etc.

Christ's Divine Mission. Proofs from His life and doctrine, His miracles and prophecies, His resurrection, the conversion of the Gentiles, and the apostasy of the Jewish race.

The Christian Religion. Proofs of its divine origin drawn from its rapid spread, its unshaken stability, its improvement of the world's morals, the testimony of its martyrs, and the miracles accompanying its origin.

THE SOURCES OF REVELATION.

1. **Tradition.** The ministry in stituted by Christ an authorized means for the propagation and conservation of the Christian revelation. The unanimous agreement of the Fathers, of the theologians, and of the Christian people marks of divine tradition. Tradition in its relation to the Sacred Scripture. The Christian religion immutable in its revealed doctrines either by addition, or subtraction, or change

2. **The Sacred Scriptures.** The inspired word of God. The true notion of inspiration. False criteria of inspired books. Divine tradition the adequate criterion. The Canon of Sacred Scripture compiled by the Council of Trent authentic. The Latin Vulgate rightly declared authentic. The reading of the Sacred Scripture.

THE CHURCH.

Institution of the Church. Preliminary notions. The Church instituted directly by Christ as a perfect society, indefectible and visible. Its relation to the State. No salvation for those culpably out of the Church. Religious tolerence and intolerence.

Members of the Church. Distinction between the soul and body of the Church. Formal infidels, heretics, and schismatics not members. Membership not limited to the predestined and just.

Ministry of the Church. Institution of Christ. Its necessity and perpetuity.

Infallibility of the Church. Division into active and passive. The subject of active infallibility. The extent of its object. Dogmatic texts and facts.

Properties of the Church. Unity, Sanctity, Catholicity and Apostolicity. These are also the true marks of Christ's Church, and belong to the Roman Catholic Church alone.

The Primacy. Preliminary notions. General reasons for its existence. Its bestowal on St. Peter promised by Christ in St. Matthew, XVI, 18, etc., and the promise fulfilled in St. John, XXI, 15, etc. The Church a monarchy.

The Roman Pontiff. The Primacy perpetual. St. Peter's See at Rome. The connection between the Primacy and the Roman See. The Roman Pontiffs the successors of St. Peter in the Primacy. The prerogatives of the Primacy explained and proved. Oecumenical Councils. The Pope infallible when teaching "ex cathedra." Solution of difficulties.

FAITH.

Faith. Its excellence. Virtue and act. Actual faith an act of the intellect. Its formal motive. Prerequisites. Its exercise obligatory, though not necessitating the intellect. The relation of faith to reason, not contradictory, but directive and mutually auxiliary.

The Rule of Faith. Divine, Catholic and ecclesiastic faith. Conditions for Catholic faith. The declarations of the Church. Private revelations. Catholic doctrine. Theological censures. The Roman Congregations and their decisions.

COMPENDIOUS COURSE II.

God. Creation. The Incarnation and Redemption.

Lecturer, Rev. Francis B. Klocker, S. J. Five lectures a week Seminar, three hours a week.

EXISTENCE AND NATURE OF GOD.

Part I. God, One in Essence. His existence proved by reason, without revelation. Ignorance of God inexcusable. Immediate and direct cognition of God not natural to man.

Infinity of God. His absolute simplicity, omnipresence and immensity, immutability and eternity.

God, a spirit, omnipotent. His absolute and ordinary power. His omniscience. The medium and divisions of the divine cognition.

God's will in the permission of sin. His liberty; immutability and liberty reconciled. God's providence defended; wills the salvation of all men. Reprobation, fault of man. Negative reprobation from glory is inadmissible. The predestination of adults to glory follows the prevision of supernatural merits.

Part II. The Triune God. Real distinctness of the divine persons. The Father, true God, from all eternity begot the Son, who is true God. The Holy Ghost, who is true God, proceeds from the Father and the the Son. This doctrine proved from the Greek fathers.

Three persons, in one God. They are consubstantial, coequal, mutually inexistent; external operations common. No real composition in divine persons or in divine essence.

The Trinity, a mystery super-rational but not contrary to reason. Why the production of the Word is generation. Why the procession of the Holy Ghost is not generation. Rules of speech concerning the Trinity. Appropriation of works and attributes to one person.

GOD, THE CREATOR.

Part I. The Act of Creation. God created the world out of nothing. True notion of creation. Various causes of the world; final cause. Creation a free act. Is this world the best.

Part II. The Works of Creation. The world created in time and with time; an eternal world impossible. The Mosaic cosmogony.

Adam and Eve made immediately by God; brute origin impossible. From Adam, the first man, the whole human race had its origin not earlier than the epoch assigned by Moses.

The human soul created by God. Man composed of a body and a rational soul which is PER SE and immediately the form of the body. Man the likeness of God.

The natural, preternatural and supernatural orders. The obediential power in creatures. Our first parents endowed with sanctifying grace, immunity from concupiscence, infused knowledge, immortality of the body, and freedom from physical evils. These gifts not due; hence state of pure or mere nature possible.

Our first parents sinned grievously. Adam transmitted sin in the strict sense of the word to his posterity. Errors concerning original sin. Original sin, its consequences.

The angels, pure spirits; supernatural destiny and state. The sin of Lucifer and his followers; its punishment without respite for repentance. The angels, guardians of men. Demoniacal obsession permitted by God. Magic and spiritism.

THE INCARNATE WORD.

Part I. Christology. The Incarnation; its fitness and circumstances. Not necessary unless God demanded condign satisfaction for sin. If Adam had not sinned, Christ would not have come. The Incarnation a mystery super-rational but not contrary to reason.

The Word was made flesh by assuming human nature, entire and perfect.

But one person in Christ. Nature and hypostasis defined; the distinction. Why the human nature in Christ is not a human person.

Two natures in Christ, entire, distinct and unmixed; two distinct wills and activities. The theandric operations explained. Christ's human liberty. The hypostatic union inseparable.

Christ, the true, not the adopted Son of God; impeccability and sancity; beatific vision; infused, experimental knowledge of Christ. The God-man worshipped with one and the same supreme adoration. The mutual communion of the attributes of the two natures in the concrete.

The B. V. Mary truly the Mother of God. Her dignity and fulness of grace. The immaculate conception, sinlessness and perpetual virginity of Mary. Her assumption into heaven. Her participation in the work of redemption.

Part II. Soteriology. Christ, the mediator between God and man. Christ, the supreme pontiff sacrificed himself as a victim on the

altar of the cross. His passion and death an ample satisfaction to the divine justice for the sins of the world, and the meritorious fountain of the graces necessary for the salvation of man. Christ died for all men. His descent into hell. His eternal priesthood.

COMPENDIOUS COURSE III.

Grace. The Sacraments.

Lecturer, Rev. Francis B. Klocker, S. J. Five lectures a week. Seminar, one hour a week.

PART I. GRACE.

Grace. Excellence, definition, divisions.

Actual Grace. Definition. Necessary for all salutary acts, even for initial faith. Errors of Pelagians and Semipelagians. The necessity of special grace for final perseverance in justice, and of special privilege for avoiding all venial sins. Some aid of God required to observe the whole natural law, though not for the observance of some of its precepts. Errors of Reformers and others. Grace a free gift of God, not bestowed on account of natural merit, impetration or disposition. The axiom: God does not refuse grace to him who does what lies in his power. All adults, even infidels and hardened sinners, receive proximately or remotely sufficient grace for salvation. The relation of grace to free will. The efficacy of grace does not impair the freedom of will. Errors of Reformers and others.

Habitual Grace and Justification. Dogmatic faith, implicitly given to all revealed truths, and explicitly to the truths of God's existence and God as rewarded, is necessary necessitate medii for justification. Faith alone does not justify. Justification is the reception of sanctifying grace, i. e. of a permanent, supernatual, spiritual quality, inherent in the soul, which truly destroys sin, renders man pleasing to God, just, an adopted son of God, heir to the kingdom of heaven, participator of the divine nature and capable of condign merit. In justification there are infused also supernatural virtues, especially faith, hope and charity. The inequality of grace. The possible certainty of being in the state of grace. The loss of grace and infused virtues, except faith and hope, by mortal sin. Good works are under certain conditions truly meritorious.

PART II. SACRAMENTS.

Sacraments in General. Notion, definition, author, number, effects, mode of operation, reviviscence, matter, form, minister, intention

necessary and requisites for validity. Character produced by three sacraments. Errors. Sacramentals.

Sacraments in Particular.

Baptism. Definition, proof of its existence, remote and proximate matter, form, ordinary and extraordinary minister. Infant baptism. Necessity of baptism for salvation. Errors.

Confirmation. Definition, proof, minister, matter and form.

Holy Eucharist. Definition, excellence. Real presence of Christ proved by argument of prescription, from the eucharistic promise in John c. 6, v. 48, etc., from the words of institution and from tradition. Errors of Reformers. Transubstantiation of the bread and wine in the body and blood of Christ. Errors and preposterous explanations rejected. Christ whole and entire under each species and every part of species as long as it remains unchanged essentially. Mystery of the Eucharist not contrary to reason. Objective reality of accidents. Matter and form of sacrament. Effects of Holy Eucharist. Its reception, how it is necessary. Communion under both species not required for salvation.

The Mass. Notion of sacrifice explained and proved. The sacrifice of the Mass proved from tradition, from the prophecy of Malachy, from the words of institution. Errors of Reformers. The essence of the sacrifice of the Mass. The principal and ministerial sacrificer. Mass offered to God in praise, thanksgiving, petition and atonement.

Penance. Definition. Proof from John, c. 20, v. 21, etc. Errors of Reformers. Power to forgive all sins. Its judicial character. Errors of Montanists and Novatians. Perfect contrition with implicit desire of the sacrament a means of justification. Attrition suffices for proper reception of sacrament. Necessity of confession; material and formal integrity. Necessity of satisfaction; its efficacy in remitting temporal punishment. The absolution; its minister; jurisdiction required.

Indulgences. Meaning; their treasury; ministers for granting them; legitimate causes; utility to the faithful, living and dead.

Extreme Unction. Definition; proof by argument of prescription, from James, c. 5, v. 14, etc.: matter and form; effects.

Holy Orders. Definition; proof of sacrament. Distinction between clergy and laity. The ecclesiastical hierarchy. The rites conferring deaconship, priesthood and episcopacy are truly sacramental. The matter and form of Holy Orders; the minister and the subject. Minor orders. Clerical celibacy. Invalidity of Angelical orders.

Matrimony. Definition; proof of sacrament. Among Christians the sacrament identical with matrimonial contract; its ministers; matter and form. The unity of Christian matrimony; its indissolubility,

even in the case of adultery. The Pauline privilege. Papal dispensation. The right of the Church alone to establish impediments.

PART III. DE NOVISSIMIS.

Death. its universality. The particular judgment and its im. mediate execution.

Hell. Its existence; its eternity proved; not contrary to reason. Hellfire, a true, material fire. Its actions on the spirit. The status of infants dying without baptism.

Purgatory. Its existence proved; its duration and punishments. The condition of the souls there detained; their solace from the faithful.

Heaven. Its beatific vision, supernatural, unequal, removing the capacity for sinning. The resurrection of the body. The last judgment.

Invocation of the Saints, licit and useful. The veneration of the Saints and their relics and of sacred images vindicated.

II. MORAL SECTION.

DIVISION I. MORAL THEOLOGY.

Course I. Moral Principles. Christian Duties. 1905-6.

Lecturer, Rev. Michael Martin, S. J. Five lectures a week.

Seminar, one hour a week.

PART I. PRINCIPLES.

Human Acts. Nature, constituents of, voluntarium and its species; voluntarium in causa, regulating principles. Modifying influences of Human Acts—ignorance, concupiscence, fear, violence. Morality, essence of; whether there are *actus indifferentes in individuo*, whether the external act increases the morality of the internal. Fountains of morality—object, circumstances, end. Obligation of referring our acts to God.

Conscience. Nature, divisions of—right and erroneous, certain and doubtful, scrupulous and lax; signs, causes, evils, remedies of scruples. Rules to be followed by scrupulous persons and by their confessors.

Probability. Its nature, species—intrinsic, extrinsic, speculative, practical, etc. When is an opinion to be held probable? Systems re-

garding probability, absolute and mitigated tutiorism, probabiliorism, equiprobabilism, probabilism. Demonstration of probabilism; difficulties solved; refutation of other systems; use of probable opinions.

Laws.

Nature and Kinds. Notion, essence, species of. Author of—ecclesiastical legislator: Sovereign Pontiff, Councils General, Plenary, Provincial, Diocesan Synod. Object of a law; can heroic or interior acts be matter of human legislation, civil or ecclesiastical? Subjects of the Natural Law. Ecclesiastical, Civil. Peregrini, to what extent bound? Promulgationne cessary for obligation—mode of promulgation for Papal and Episcopal laws. Obligations of a law *sub gravi*, *sub levi;* how far the intention of legislator and the matter of the law determine the quality of obligation? Fulfilment of a law—what is required in an affirmative law, what in a negative law? Can several laws be fulfilled by one act, several laws by several acts at the same time? Causes excusing from obligation of a law; exempting or impeding—directly, indirectly, proximately, remotely. When permitted to place an exempting or impeding cause? Interpretation of a law—species: rules for doctrinal interpretation. Dispensation—nature and species of—who can dispense in Divine or Ecclesiastical Laws? Is a just cause required for a valid dispensation? Cessation of dispensation by cessation of cause, revocation, renunciation. Cessation of law by abrogation, cessation of adequate motive cause, desuetude. Natural Law—whether there may be invincible ignorance of its precepts? Divine Positive Law in Old and New Dispensations. Ecclesiastical Laws, civil, penal, irritant. Custom.

Sins. Species of—Condition for mortal, venial sin. Numeric and Specific distinction, rules for. Interior sins: Capital Sins.

PART II. GENERAL DUTIES.

Virtues. Theological—Faith, necessity and material object of: Sins against, infidelity, heresy. Hope—opposite vices, presumption and despair. Charity—material object of, primary and secondary. Love of God, when the precept urges? Love of neighbor in general—of enemies. Precept of almsgiving, fraternal correction. Sins opposed to the love of neighbor by scandal—co-operation.

Precepts of the Decalogue.

First Commandment. Acts of the virtue of religion—adoration, prayer. Vices opposed to religion—superstition, idolatry, vain

observance, divination, spiritism, magic. Hypnotism, when forbidden? Sacrilege, Simony.

Second Commandment. Blasphemy: oath, conditions of: vow, obligation, irritation, dispensation, commutation of.

Third Commandment. Sunday and Holy Days; what is prescribed for, what forbidden. Obligation of hearing Mass, how fulfilled, reasons which excuse from: abstinence from servile works.

Fourth Commandment. Obligation of children and parents, employers, and employees, etc.

Fifth Commandment. Homicide, abortion, duelling, war.

Sixth and Ninth Commandments. Sins, exterior and interior—sins consummated and non-consummated.

Seventh and Tenth Commandments. Justice. Nature of justice: dominion, object, subject, acquisition of. Theft, occult compensation. Restitution, possessor bonae fidei, malae fidei, dubiae fidei; unjust cooperation: circumstances of restitution, how much, to whom, order of, etc.: reasons which excuse from.

Contracts.—requisites for, obligation of—species, unilateral, bilateral. Promise, donation. Testament, nature and species: testator, heir, executor, obligations of. Contract of loan, interest, how far permitted or forbidden. Buying and selling—just price, how determined. Sale by auction; monopoly, brokerage, partnership, letting and hiring, strikes. Subsidiary Contracts—bond, pawn, mortgage. Insurance; wager and gaming.

Eighth Commandment. Lying, equivocation; detraction, calumny, rash judgment. Violation of secret, naturalo, promised, committed.

Precepts of the Church.

Hearing Mass. Abstinence, fast, causes excusing from. Annual Confession and Paschal Communion.

Particular Obligations.

Duties of judges, advocates, witnesses, physicians. Obligations of clerics, positive—Sanctity, celibacy. Recitation of the Divine office, time, order of; attention and devotion in: causes excusing from. Negative obligations of clerics. Obligations of Bishops, Parish Priests, Religious. Nature of the religious state—vocation. Vows of Religious.

Course II. Christian Aids. 1904-5.

Lecturer, Rev. Michael Martin, S. J. Five lectures a week. Seminar, one hour a week.

PART I. SACRAMENTAL AIDS.

Sacraments in General. Nature, division, effects, matter and form of. Minister, attention and intention, obligation of dispensing, of refusing. Subject. Valid and licit reception, reviviscence. Sacramentals, effects and mode of operation.

SACRAMENTS IN PARTICULAR.

Baptism. Matter, remote and proximate; form; ordinary and extraordinary Minister. Subject—infants, adults, converts from sects. Sponsors; valid, licit sponsorship. Ceremonies in the administration of Baptism and obligation of observance.

Confirmation. Matter and form, Minister, subject, age of admission.

Holy Eucharist. Nature and efficacy; matter and form. Minister, obligation and mode of administering. Subject; obligation of receiving, dispositions of the soul and body—prescribed fast. Frequent Communion; regulating principles. Mass, nature and application of; obligation of celebrating; time and place of celebration; requisites, rubrics.

Penance. Matter, remote and proximate; form, essential, rubrical; Subject. CONTRITION and species of; sorrow and its qualities; purpose and conditions of. CONFESSION, its necessity, integrity of; doubtful or forgotten sins, examen of Conscience. General Confession, obligatory, advisable or injurious; method of performing. SATISFACTION, obligation of imposing and fulfilling. Minister. Approbation and jurisdiction. Reserved cases, nature of, and absolution from. Office of Confessor, general obligations—to special classes, penitents in the proximate occasion of mortal sin, habitual, relapsing sinners. Seal of Confession, its matter and strict obligation.

Extreme Unction. Nature and effects; matter, remote and proximate; form. Minister, his grave obligation of conferring. Subject. Repeated reception in the same sickness, how far lawful or valid.

Order. Nature and division; matter, remote and proximate; form. Minister, EPISCOPUS PROPRIUS by domicile, incardination, etc., EPISCOPUS ALIENUS. Letters dismissorial and testimonial. Subject; requisites for, TITULUS of ordination, knowledge, age, etc.

Matrimony. Promise of marriage, nature, obligation and effects of such promise. Banns, reasons for, dispensation from. Nature of marriage, conditional marriage, when valid, invalid. Consent of parents, how far required for licit contract. Properties of marriage, unity and indissolubility.

Matter and form. Minister and subject. Nuptial benediction, when to be given, when omitted. Casus perplexus and solution. Impediments of marriage. Prohibitory: names of, dispensation from. Diriment, how far doubt or invincible ignorance of, would prevent invalidity of contract. Particular diriment impediments. Error and Condition, Solemn Vows, Holy Orders, Relationship, natural, spiritual and by adoption, Affinity, Public Propriety, Adultery and Murder, Difference of religion, Fear, Prior Marriage, Clandestinity, Impotence, Abduction. Dispensation from diriment impediments, when possible, when impossible: power, causes and mode of dispensation. Revalidation of marriage by dispensation, simple or in radice. Conjugal obligations, violations thereof.

PART II. ECCLESIASTICAL AIDS.

Division: coercive, impedient, auxiliary.

Censures. Nature, division, conditions: author and subject of, absolution from. Species of Censures. Excommunication, Suspension, Interdict—effects and divisions of each. Deposition and Degradation. Ecclesiastical Sepulture, when granted, when refused, impenitence, cremation, etc. Particular classes of Excommunication—1. specially reserved to the Roman Pontiff, 2. simply reserved to R. P., 3. reserved to Bishops, 4. not reserved: description and enumeration in detail. Suspensions in Constitutions—Apostolicae Sedis, in Council of Trent, in Cons. Romanus Pontifex, and in Decree—Vigilanti Studio. Suspension ex informate conscientia, mode of inflicting and effects of. Interdicts—in Cons. Apostol. Sedis and in Council of Trent.

Irregularities. Nature and division: Irregularities ex defectu and ex delicto explained. Dispensation from.

Indulgences. What they are,—are not. Plenary, partial. Conditions for each. Apostolic Indulgences. Indulgences of Scapulars, Way of the Cross. Privileged Altar. Benedictio in articulo mortis treated in detail.

SECTION II. DIVISION II. CANON LAW

Course I. Laws of Regulars. 1905-6.

Lecturer, Rev. William H. Fanning, S. J. Two lectures a week.

Introduction to Canon Law. Definition, division and various sources of Canon Law.

Religious State. The nature, origin, history and different divisions of Religious State—Orders, Congregations, Pious Institutes—Monks, Friars, Clerks Regular, Canons Regular.

Impediments to Enter Religion. By natural Law. By positive legislation of the Church.

Novitiate. Testimonial Letters. Time, place and other requisites concerning the Novitiate. Rights and privileges of Novices. Renunciation of temporal goods.

Religious Profession. Conditions required for the validity of profession. Simple and solemn profession. Formal essence of the solemn vows. Time of solemn profession.

Duties Common to Regulars. Duties concerning the vows of poverty, chastity and obedience. Other duties. Papal and Episcopal Enclosure.

On Leaving an Order. Dismission and expulsion. Apostasy. Secularization.

Internal Government of Religious Orders. Election of Prelates. Legislative, judicial and coercive power. Exemption of the Regulars. Constitution "Romanos Pontifices."

Privileges Common to Regulars. Their nature and divisions. Communication of Privileges.

REFERENCES: Sanguinetti, Aichner, Smith, Vermersch, Wernz, Laurentius, Craisson, Concilia Baltimorensia.

Course II. Laws of Clerics in General. 1904-5.

Lecturer, Rev. WILLIAM H. FANNING, S. J. Two lectures a week.

Rights and Privileges of Clerics. Ecclesiastical Immunity, Personal Inviolability, Privileges of the Forum, Exemption, Loss of Clerical Privileges.

Duties Common to Clerics. The clerical garb, tonsure and beard, clerical decorum, law of cohabitation, of temperance, concerning banquets, hunting, theaters, menial or otherwise prohibited occupations, practice of medicine, bearing of arms, politics, trade.

Promotion to Holy Orders. Irregularities arising from homicide, rebaptism, heresy, loss of reputation. Irregularities arising from defects of mind or body.

Of the Sacrament of Orders. Dismissorial and Testimonial letters, the law of interstices, title of ordination. Duties of those who have received the Tonsure, minor orders, Priesthood.

Ecclesiastical Jurisdiction. The nature and divisions, method of acquisition, its exercise and cessation. Holders of jurisdiction: Pope, Cardinals, Roman Congregations, Legates, Bishops, Parish Priests, Vicars General, Deans.

Church Councils. Oecumenical, General, National, Provincial, Diocesan.

Parishes. Building and consecration of churches, of public and private oratories, ecclesiastical sepulture. Erection, union and division of parishes. Rights and duties of parish priests. Their appointment, transfer and dismissal. Hospitals and Asylums.

REFERENCES: Sanguinetti, Aichner, Smith, Laurentius, Craisson, Weruz, Gasparri, Smith, Concilia Baltimorensia. Synodi Dioecesanae Sti Ludovici, Putzer.

SECTION II. DIVISION III.

SACRED LITURGY.

Lecturer, Rev. WILLIAM H. FANNING, S. J. One lecture a week.

The rites and ceremonies of the Catholic Church form part of the curriculum of the Divinity School during the third year of the course. Practical instructions are given on the manner of celebrating the Holy Sacrifice of the Mass, on the administration of the Sacraments, and on the recitation of the Divine Office, or decorum and exactitude in the external worship of God.

TEXT–BOOKS. The ceremonial of the Council of Baltimore. The Compendium Sacrae Liturgiae of Wapelhorst.

SECTION III. BIBLICAL SCIENCE

DIVISION I. SACRED SCRIPTURE.

Course I. Introduction to the Sacred Scripture. 1906-7.

Lecturer, Rev. FLORENTINE BECHTEL, S. J. Four lectures a week.

1. General Introduction to the Sacred Scripture. History of the Canon. History of the text of the Old and New Testaments. The Ancient Versions. The Latin Vulgate. The English Versions. Principles and history of biblical hermeneutics.

2. Exegesis. Explanation of the Epistle to the Romans.

Course II. The Psalms. 1905-6.

Lecturer, Rev. FLORENTINE BECHTEL, S. J. Four lectures a week.

1. Introduction to the Psalms. Hebrew Poetry. Authorship of the Psalms. Formation of the Psalter. Classification, teaching and use of the Psalms. The Septuagint and Vulgate Versions.

2. Exegesis. Explanation of the 1st book of Psalms.

Course III. The Gospels. 1904-5.

Lecturer, Rev. Florentine Bechtel, S. J. Fours lectures a week.

1. Introduction. General introduction to the Gospels. Authorship, time of composition, scope, integrity and historical character of the four Gospels. The Synoptic problem. The apparent contradictions in the Gospels.

2. Exegesis. Commentary on the Gospel of St. Matthew.

DIVISION II. HEBREW.

Professor, Rev. Florentine Bechtel, S. J.

First Year. Two hours a week. Hebrew Grammar with suitable readings and translation of English into Hebrew.

Second Year. One hour a week. Translation of selected passages with special reference to the syntax.

SECTION IV. ECCLESIASTICAL HISTORY.

Course I. The Early Church. 1904-5.

Lecturer, Rev. William H. Fanning, S. J. Two lectures a week.

The Church of God before Christ. The Pre-Mosaic Church of the Patriarchs. The Aaronic Priesthood. Jewish Sacrifices and Sacraments. History of the Chosen People. The Apostasy of the Nations. Idolatry.

The New Dispensation. The Promised Messias. Scientific Demonstration of the Natal Year and Death Year of Christ. Foundation of the Catholic Church.

The Primitive Christian Church. Headship of S. Peter. His Roman Pontificate. The Apostolic Age. Popes of the First Century. Early Persecutions. Early Heresies Concerning Christ.

Peculiarities of the Primitive Church. Position of the Popes. Discipline of the Secret. Public Penance. Rites and Ceremonies. The Agape and Eulogiae. The Catacombs. Priestly. Vestments. Consecrated Virgins.

Chronicle of the Popes. From S. Peter to Pope Sylvester. From Constantine to Augustubus. From Fall of Western Empire to Gregory the Great. From Pope Gregory to Charlemagne. The Patrimony of S. Peter.

Conversion of Nations. Greece and Italy. Britain. Spain. Gaul. Ireland. The Franks. The Anglo-Saxons. Germany.

Heresies and Heretics. Paul of Samosata. Origen. Heretical Baptism and S. Cyprian. Arianism. Heresies concerning the Holy Ghost. Pelagius. Semi-Pelagianism. Nestorins. Eutyches. Alleged Fall of Popes Liberius, Virgilius and Honorius. Mohammedanism.

Church Councils. Oecumenical Councils, their convocation, presidency and confirmation. Their authority. Number of the Oecumenical Synods. History of the First Seven Councils. The Paschal Controversy.

General References. Baronius, Fleury, Rohrbacher, Natalis Alexander, Alzog, Darras, De Montor, passim.—Hefele, Parsons, Palma, De Smedt, Jungmann, Pastor.

Course II. The Church Since 700 A. D. 1905-6.

Lecturer, Rev. William H. Fanning, S. J. Two lectures a week.

The Holy Roman Empire. Its establishment. Charlemagne and Pope Leo. Relations between Church and Empire. Election and Coronation of Emperors.

The Dark Ages. The Church in the ninth century. Fable of the Popess Joan. Disorders of the tenth century. Pope John XII and Emperor Otho.

The Greek Schism. The Image-Breakers and the first stage of the Phocian Schism. The Final Consummation. Efforts to extinguish Schism. Last reunion with Greek Church. Present Condition of Oriental Schismatic Churches.

The Church and the World. Pope Gregory VII. Canossa. Affair of Investitures. Berengarius. Simony. Encroachments of the Civil Power.

Internal Economy. Clerical Celibacy. Liturgies. The Oriental Rites. The Cardinals. Papal Elections.

Great Schism of the West. Its Origin. Urban the VI. His Election valid. Avignon Anti-Popes. Council of Pisa. Position of Pisan Anti-Popes. End of Schism. The Council of Constance.

Religious Revolt of XVI Century, Fore-runners: Wycliffe and Huss. Martin Luther: His defiance of Church Authority and Tradition. The Schism in England. Persecution in the British Isles. The Huguenots. Protestantism in Scotland. Mary, Queen of Scots, and Elizabeth. Attempts to bring heresy into Ireland. Anglican Orders.

The Counter-Reformation. The Council of Trent. Loyola and the Jesuits. Saints and Missionaries. Provincial and National Synods. Napoleon and the French Church.

The New World. Catholicism in Mexico and South America. The Church in the American Colonies. The Missions of New France. Colonization and evangelization of Louisiana Purchase Territory. Marquette and Hennepin. The Catholic Founders of St. Louis. Development of the American Hierarchy.

The Second Spring. The Oxford Movement. Newman and Wiseman. Catholic Emancipation. Hierarchy restored in England and Scotland. Passing of Gallicanism. The Twentieth Oecumenical Council of the Vatican. Doellinger and the Old Catholics. Leo XIII and Pius X.

General References. Baronius, Fleury, Rohrbacher, Darras, De Montor, Hefele, Jungmann, Jannsen, Pastor.

SECTION V.

DIVISION I. SACRED ELOQUENCE.

Moderator, Rev. William H. Fanning, S. J.

The students of the Divinity School give serious and continued attention to the theory and practice of pulpit oratory. During the course of the year, each student is required to elaborate a sermon on some given text, and, after it has been submitted for approval, to deliver it before his professors and fellow-students. In addition to this, weekly gatherings are held, presided over by one of the professors, where, in their turn, the students deliver choice selections from the great pulpit orators, or original developments of Scripture texts. The speakers are then criticised by their fellow-students, and the professor concludes the exercise by a general summing up of the criticisms offered.

DIVISION II. ECCLESIASTICAL MUSIC.

Plain Chant.

Professor, William H. Schierman, S. J.

Third Year. Second Term. One hour a week.

Elements and characteristics of modern musical theory. Introduction to the theory and practice of Gregorian chant. Voice Culture. Sight reading.

This course is mainly practical. Its object is to give facility in reading and properly rendering the liturgical chant occurring in the service of the Catholic Church.

TEXT BOOK. Magister Choralis—Haberl.

THE UNIVERSITY CHOIR.

Director, EMIL BAEHR, S. J.

A choir of about twenty-four voices, from the Theological and Philosophical Departments, take charge regularly of the singing at all solemn services in the University chapel. At the Holy Week services, in the church and on special occasions, the choir is assisted by from thirty to forty additional voices.

SCHOOL OF DIVINITY

Schedule of Lectures

A. M.	FIRST YEAR	SECOND YEAR	THIRD AND FOURTH YEAR
9:10	Pastoral Theology—S.	Pastoral Theology—S.	Pastoral Theology—S.
9:55 10:40	Dogmatic Theology	Dogmatic Theology Hebrew Academy—Sun.	Dogmatic Theology Liturgy—Sun.
10:50 10:50	Moral Theology	Moral Theology	Sacred Script.—T. W. F. S. Canon Law—M.
11:15	Sacred Oratory—Sun.	Sacred Oratory—Sun.	Sacred Oratory—Sun.
P. M.			
2:20			Canon Law—F.
2:30	Hebrew—M. T. W. F.		
3:10	Dogmatic Theology	Dogmatic Theology	Dogmatic Theology
5:30	Disput., Dogm. Theol.—M. W. F. Ecclesiastical Hist.—T. S.	Disput., Dogm. Theol.—M. W. F. Ecclesiastical Hist.—T. S.	Disput., Dogm. Theol.—M. W. F.

ALUMNI

AND

STUDENT ORGANIZATIONS

ALUMNI ASSOCIATION.

Its object is "to strengthen the ties which unite the members to each other, and to the Institution at which they were educated." The constitution provides that any graduate or student of the St. Louis University may become a member of the Association, subject to the rules therein specified. Meetings for the purpose of social reunion are held at stated times.

OFFICERS:

Paul Bakewell ..... President.
Eugene C. Slevin..... First Vice President.
Rev. John J. Tannrath..... Second Vice President.
Harry L. Haydel..... Third Vice President.
John B. Denvir ..... Recording Secretary.
Francis X. Green..... Corresponding Secretary.
George T. Desloge..... Treasurer.
Rev. Matthew McMenamy, S. J..... Moderator.

NATIONAL FEDERATION OF JESUIT COLLEGE ALUMNI ASSOCIATIONS.

On the occasion of the Diamond Jubilee celebration of the St. Louis University in October, 1904, representatives of Jesuit colleges of the United States, who had assembled to participate in the exercises, convened for the purpose of organizing a National Federation of Jesuit College Alumni Associations. The meeting was held in the St. Louis University October 19, 1904, with representatives present from the following colleges: Immaculate Conception College, New Orleans, La.; Marquette College, Milwaukee, Wis.; St. Ignatius College, Chicago, Ill.; St. Mary's College, St Marys, Kas.; St. Xavier College, Cincinnati, O.; Creighton University, Omaha, Neb.; and St. Louis University. A constitution was adopted, officers elected, and Chicago chosen as the place of meeting in 1905.

OFFICERS:

Paul Bakewell, St. Louis University..... President.
John B. Fischer, Immaculate Conception College..... Vice-President.
John B. Denvir, St. Louis University..... Secretary.
Henry V. Kane, Marquette College.....
Andrew B. Boughan, St. Ignatius College.....
Rev. James J. Conway, St. Marys College..... } Committee.
Dr. Thomas B. Hart, St. Xavier College.....
Rev. Michael Dowling, Creighton University.....

SODALITY OF THE BLESSED VIRGIN MARY.

Erected 1835

This society is a branch of an organization existing in almost every part of the world. Its object is the mutual aid and encouragement of its members in works of piety and charity. The exercises consist of weekly meetings, with the recitation of the Office of the Blessed Virgin and an instruction on some phase of the Christian life; the monthly reception of the sacraments of penance and Holy Eucharist; and such activities as are compatible with the circumstances of the members. The Sodality comprises two divisions, one for the students of the College, and the other for the students of the Academy.

OFFICERS.

COLLEGIATE DIVISION.

Rev. T. A. O'Malley, S. J. ..... Director.
Daniel Dillon ..... Prefect.
L. Curtis Tiernan ..... First Assistant.
Ralph A. Kinsella ..... Second Assistant.
Frederick J. Tobin ..... Treasurer.
Louis P. Desjardins ..... Secretary.
Leo D. McCarthy ..... Sacristan.
Joseph F. Chartrand ..... Censor.
Walter A. Sauer ..... Censor
J. Andrew Hobbs ..... Consultor.
Joseph H. Albrecht ..... "
John J. Margold ..... "
William T. Dean ..... "
John J. Keefe ..... "
Joseph A. Desloge ..... "
Robert J. Armstrong ..... "
Joseph P. Pohrer ..... "

ACADEMIC DIVISION.

Rev. David M. Johnson, S. J. ..... Director.
Robert W. Temm ..... Prefect.
Henry J. Willmering ..... First Assistant.
Hugh E O.Keeffe ..... Second Assistant.
Eugene L. Padberg ..... Secretary.
Alexis M. Schwitalla ..... Sacristan.
Leo W. Devereux ..... "
Newman L. Walsh ..... "

Edward A. Downey.....Consultor
B. Franklin Thomas..... "
John S. VanLeer..... "
Edward L. Bakewell..... "
John J. Killoren..... "
Aloysius J. Hunleth..... "
James C. O'Keefe..... "
Anthony Quante..... "
William P. Pohrer..... "

THE ACOLYTHICAL SOCIETY.

The object of this society is to add to the solemnity of Divine Worship by the accurate observance of its rites and ceremonies, and to afford those students who have the necessary qualifications the honor of serving in the sanctuary.

OFFICERS.

Thomas J. Smith, S. J.....President.
Alphonse J. Raemdonck .....Vice-President.
Andrew T. Grace.....Recording Secretary.
Charles M. Sandoval.....Corresponding Secretary.
Edward L. Tobin .....Treasurer.
James J. Lonergan.....Consultor.
Joseph F. Chartrand.....Consultor.
Robert E. Harder.....Censor.
Edward F. Boman.....Censor.

"FLEUR DE LIS."

The FLEUR DE LIS is the organ of the University. Its purpose is to encourage literary efforts among the students, and to chronicle all matters of interest pertaining to the Institution. Special attention is given to a department reserved to the Alumni, and they are cordially invited to actively co-operate in making the Fleur de Lis a useful medium of intercommunication. The magazine depends on the patronage of the students and the friends of the University.

OFFICERS.

Rev. James T. Finn, S. J.....Moderator.
Business Manager .....Charles V. Roberts, A. B., '01.
Assistants.....Louis P. Desjardins, '96; Paul Bakewell, Jr., '98.
Alumni Correspondent... .....Felix A. Guignon, A. B., '01.

Alumni.....L. Curtis Tiernan, '06; Leo D. McCarthy, '06.
University Chronicle .....G. Prather Knapp, '07.
Exchanges .....Andrew F. Drew, A. B., '05.
Societies .....Ralph A. Kinsella, '06.
Academy.....D. Casey Nugent, '08.

STUDENTS' LIBRARY ASSOCIATION

It administers that section of the University library which has been applied to the general use of the undergraduates, and selected for their special needs. In connection with the library is a reading room which affords ample opportunities for acquiring information upon current topics and forming sound opinions upon important questions. Leading magazines, reviews, and journals, and a valuable collection of works of reference are at the service of the members.

OFFICERS.

William A. Padberg, S. J.....Moderator.
Louis F. Desloge.....President.
Joseph J. Reilly.....Vice-President.
John C. Tobin.....Secretary.
Raymond T. Woods.....Treasurer.
Christopher W. Eckert.....Librarian.
Edward L. Tobin.....Assistant Librarian.
William J. Lonergan.....Assistant Librarian.

PHILALETHIC SOCIETY

Organized 1832.

Its object is to foster a taste for eloquence, history and general literature, and to prepare its members for public speaking. Meetings are held weekly for debates, the discussion of original essays, or other literary exercises.

OFFICERS.

Rev. Lawrence J. Kenny, S. J.....Moderator.
Lawrence V. Cartan, A. B.....President.
Ralph A. Kinsella.....Secretary-Treasurer.
G. Prather Knapp.....Censor.
Paul Gallagher.....Sergeant at Arms.
Louis F. Desloge.....
Joseph J. Reilly..... } Committee on Debates.
L. Curtis Tiernan.....

ACADEMIC LITERARY SOCIETY

This association is composed of students in the Academy and the Commercial Department. Its purpose is to attain for its members greater proficiency in elocution and English composition, and to prepare them for the Philalethic Society.

THE GERMAN ACADEMY

Its object is to give those students who have a reading and speaking knowledge of German an opportunity to put their knowledge to practical purposes, and at the same time to acquire greater accuracy and facility in the use of the written and spoken word. It aims at attaining its end by the reading and discussion of some of the leading masterpieces in German literature, both prose and verse, by declamations, original essays, and debates on the topics of the day.

OFFICERS.

John H. Grollig, S. J. ..... Moderator.
Carl J. Vogel ..... President.
Raymond F. Griesedieck ..... Secretary-Treasurer.

THEOLOGIANS' LYCEUM

The Lyceum was organized to foster literary taste and to accustom the student to present the results of his studies in an effective manner. The papers read and discussed are Theological, Philosophical, Ethical or Literary—at the option of the writer. Meetings are held weekly.

PHILOSOPHERS ACADEMY

Moderator, JAMES R. O'NEILL, S. J.

This society, organized in 1890, is composed of students of the Graduate School of Philosophy and Science. The object of this Academy is to accustom its members to fluent and elegant writing on any fitting topic, and to develop literary taste.

The following are some of the papers read: Emerson the Teacher. Humor. Church Music. Keats: a sketch. The Human Side of St. Paul. Vedanta in America. Immanuel Kant. A Modern Fad. Under the Arc Light: a story.

THE HELLENIST SOCIETY

Moderator, Paul A. Blakely, S. J.

This Society was founded among the students of the School of Philosophy and Science in 1904, to promote the study of Greek as a living language. The weekly meetings are presided over in turn by the members of the Society. The papers read at the meeting and the discussions are in the Greek language.

ORATORICAL SOCIETY

Moderator, William H. Fitzgerald, S. J.

The object of this organization of post-graduate students is to foster in its members a taste for eloquence and, in particular, to enable them to cultivate the art of extemporaneous speaking. Weekly meetings are held, at which a subject agreed upon is discussed by each member at such length as the limit of time will permit.

ITALIAN SOCIETY

Moderator, Cyrus A. Telese, S. J.

The purpose of this Academy is to aid its members in acquiring a cility in the use of the Italian language, and in reading and studying some of the Italian masterpieces.

UNIVERSITY ORCHESTRA

The orchestra has been reorganized this year and placed, it is hoped, on a permanent basis. Its purpose is to afford the members an opportunity of perfecting themselves in the theory and the practice of music, and to contribute to the dignity and enjoyment of University assemblies.

OFFICERS.

Aloysius H. Rohde, S. J. ..... Director.
Roy F. Bellaire ..... President.
Robert C. Harder ..... Vice-President.
Robert W. Friese ..... Secretary-Treasurer.
Robert J. Armstrong ..... Librarian.

Executive Committee: Roy F. Bellaire, Robert C. Harder, Robert W. Friese, Rolly L. Meyer.

UNIVERSITY GLEE CLUB

This society has been reorganized during the year, and is meeting with enthusiastic success. Its object is the same as that of the Orchestra.

OFFICERS.

Ralph A. Kinsella.....President.
L. Curtis Tiernan.....Secretary.
Louis P. Desjardins.....Treasurer.
Joseph Kern.....Musical Director.

ATHLETIC ASSOCIATION

The purpose of this society of Alumni and students is to secure healthy physical exercise; to promote among the students in interest in athletics; to aid the athletic activities of the Institution; and to foster a lively esprit de corps by the presence of the members at the contests and their participation in them.

OFFICERS.

Rev. Simon J. Nicholas, S. J.....Faculty Moderator.
Philip C. Scanlan.....President.
Benjamin M. Hypes, M. D.....First Vice-President.
Julius S. Walsh, Jr.....Second Vice-President.
William A. Murphy, A. B.....Third Vice-President.
James A. Kinsella, A. B.....Recording Secretary.
Lawrence V. Cartan, A. B.....Financial Secretary.
Andrew F. Drew, A. B.....Financial Secretary.
George I. Drew, A. B.....Treasurer.
Lawrence B. Bitz, A. B.....Manager, Foot Ball Team.
G. Prather Knapp.....Manager, Track Team.
Martin A. Delaney.....Physical Instructor.

St. Louis University Degrees

ST. LOUIS UNIVERSITY DEGREES.

DEGREE	NAME	OCCUPATION	RESIDENCE
	1834.		
A. M.	*John Servary,	Author	Baltimore, Md.
A. B.	*P. A. F. Du Bouffay		St. Louis Co., Mo.
"	*Peter A. Walsh		St. Louis, Mo.
	1835.		
A. M.	*Bryan Mullanphy,	Lawyer	St .Louis, Mo.
"	*Benjamin Eaton,	Author	Ireland
"	*Bartholomew McGowan,	Author	Ireland
"	*Jeremiah Langton,	Author	Ireland
	1836.		
A. B.	*Joseph Puche y bea		Campeche, Mex.
"	*John Shannon		Natchez, Miss.
	1838.		
A. M.	*Joseph W. Sunderland,	Professor	New England
A. B.	*Valsin Dupuy		Iberville, La.
"	*Theophilus Littel		Opelousas, La.
	1840.		
A. B.	*William X. Gilmartin		Pennsylvania
"	*Joseph G. H. Kernion,	Clergyman	St. Louis, Mo.
	1841.		
A. B.	*Payton Spence		St. Louis, Mo.
"	*John J. Morgan		Madison, La.
	1842.		
A. B.	*Henry B. Kelly		New Orleans, La.
"	*Alex. J. P. Garesche,	Lawyer	Wilmington, Del.
"	*Theodosius Barret,	Lawyer	Kentucky

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
	1843.		
A. M.	*William X. Gilmartin,	Professor	Pennsylvania
M. D.	*Thomas J. Blincoe		Kentucky
"	*S. Bradley		Indiana
"	*B. B. Brown,		Missouri.
"	*W. B. Gildea,		Missouri.
"	*Nicholas Nicolas,		Missouri.
"	*George W. Willing,		Missouri.
A. B.	*J. Richard Barret,	Lawyer	New York.
"	Frederick P. Garesche,	Clergyman	Cincinnati, O.
"	*Isaac Cooper,		St. Louis Co., Mo.
"	*Edward J. Carrell,		Louisville, Ky.
	1844.		
M. D.	*A. E. Block,		Missouri.
"	"William H. Cheatham,		Kentucky.
"	*J. H. Crane,		Petaluma, Cal.
"	*E. Vaudry Deroin,		Missouri.
"	*Samuel Goslee,		Kentucky.
"	*Thomas R. Lewis,		Maryland.
"	*James Makin,		Missouri.
"	*John H. Polin,		Kentucky.
"	*A. J. Rucker,		Kentucky.
"	William D. Stirman,		Owensboro, Ky.
"	*Howard Watts,		Madison, Ind.
A. B.	*Thomas M. Finney,	Clergyman	St. Louis, Mo.
"	Didier Guyon,		St. Louis, Mo.
"	*F. Leavenworth,		Mt. Vernon, Ill.
"	*Ferdinand L. Garesche,		Wilmington, Del.
	1845.		
A. M.	*Edward J. Carrell,	Lawyer	Louisville, Ky.
M. D.	*William Browne,		Kentucky.
"	"R. R. Davis,		Illinois.
"	"H. W. Darnall,		Missouri.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
M. D.	*W. B. Dews,		Wisconsin.
"	*G. W. Hereford,		Missouri.
"	*B. Johnson,		Illinois.
"	*Proctor F. Knott,		Kentucky.
"	*Richard E. Lacey,		Savannah, Mo.
"	A. Litton,		
"	*I. Lawrence Page,		Weston, Mo.
"	*B. F. Russell,		Paris, Mo.
"	*A. R. Taylor,		Richwoods, Mo.
"	W. S. G. Walker,		Kentucky.
"	*W. W. Whittington,		Missouri.
"	*R. R. Wickersham,		Kentucky.
"	*C. F. Wilson,		Kentucky.
"	*Thomas L. Young,		Missouri.
A. B.	*Elsworth E. Smith,		St. Louis, Mo.
"	*J. S. B. Alleyne,		St. Louis, Mo.

1846.

A. M.	*Henry B. Kelly,	Lawyer	New Orleans, La.
M. D.	*Benjamin K. Davidson,		Indiana.
"	J. O'Fallon Farrar,		Missouri.
"	*James C. Hunt,		St. Louis.
"	*Francis Impey,		St. Louis.
"	*Worthington A. Larsh,		St. Louis.
"	David B. Martin,		St. Louis, Mo.
"	*James H. M Callon,		Missouri.
"	*Edmund B. O'Callaghan,		New York.
"	*H. Rosengarten,		Missouri.
"	Francis Seydel,		Germany.
"	*Nathaniel P. West,		Illinois.
"	*Cyrus Young,		Missouri.
A. B.	Lucien Carr,	Anthropologist, Author	Cambridge, Mass.

1847.

A. M.	*John J. Morgan,	Physician	Madison, La.
"	*Elsworth F. Smith,	Physician	St. Louis, Mo.
"	*J. S. B. Alleyne,	Physician	St. Louis, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
M. D.	E. M. Bartlett,		Louisiana, Mo.
"	*Edward G. von Benkendorff,		St. Louis, Mo.
"	George H. Bowers,		Arrow Rock, Mo.
"	Warren J. Burgess,		Du Quoin, Ill.
"	David M. Cooper,		Hemphill, Tex.
"	*James R. Hughes,		Kentucky.
"	*R. H. Lawton,		Iowa.
"	*J. Long,		
"	*Timothy L. Papin,		St. Louis, Mo.
"	*G. W. Richardson,		Illinois.
"	*H. W. Wellman,		Missouri.
"	Caleb Winfrey,		Kansas City, Mo.
"	*J. L. Wood,		Missouri.
		1848.	
A. M.	*Alex. J. P. Garesche,	Lawyer	St. Louis, Mo.
"	*Philip McKeever,		New Orleans, La.
M. D.	*George Adreon,		
"	*J. S. B. Alleyne,		St, Louis, Mo.
"	*W. T.Baudisson.		
"	*W. P. Bennett.		
"	*L. C. Boisliniere,		St. Louis, Mo.
"	*William J. Byrne.		
"	Spencer L. Gant,		Nebraska City, Neb.
"	*J. Herndon.		
"	*Charles S. Hertich,		St. Genevieve, Mo
"	*D. A. Linthicum.		
"	*G. F. Saltonstall.		
"	*S. S. Saltonstall.		
"	*Samuel Skeel.		
"	*E. F. Smith,		St. Louis, Mo.
"	*John B. Smith.		
"	*Thomas Smith.		
"	*L. C. Thetford.		
"	*L. L. Williams.		
		1849.	
M. D.	*L. S. Banks.		
"	*William M. Belt.		
"	*J. V. Brooks.		

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
M, D.	S. Caldwell,		Parksville, Ky.
"	T. Griswold Comstock,		St. Louis, Mo.
"	*C. Dupavillon.		
"	W. T. Ewing,		Gadsden, Ala.
"	*J. M. Fackler.		
"	*S. Fisher.		
"	Elisha H. Gregory,		St. Louis, Mo.
"	*H. C. Hacker.		
"	*S. D. Henderson.		
"	J. G. Hendricks,		Sturgeon Bay, Wis.
"	H. F. Hereford,		Kansas City, Mo.
"	*Harris Howey.		
"	*J. S. Jones.		
"	*C. E. Lippincott.		
"	*W. A. Marshall.		
"	*Joseph Middleton.		
"	*R. A. Saunders,		Avon, Ill.
"	*D. Shaddle.		
"	*Hammond Shoemaker,		Illinois.
"	*H. R. Smith,		Illinois.
"	E. H. Talbot,		Illinois.
"	*John Wiatt,		Missouri.
"	*C. L. Wilcox,		Tennessee.

1850.

M. D.	*O. S. Allen.		
"	*William Allen.		
"	*J. M. Aull.		
"	M. C. Baker,		Grant's Pass, Ore.
"	*A. F. Barnett,		Montgomery City, Mo.
"	*N. Baron.		
"	B. M. Beckham,		Shelbyville, Ky.
"	G. H. Bonny,		Indianola, Iowa.
"	*G. W. Boswell.		
"	*M. F. Brown.		
"	*William Burnett.		
"	*W. C. Cavanaugh.		
"	*J. B. Coleman.		
"	*E. S. Cooper.		
"	J. S. Crawford.		
"	*G. C. Dortch.		

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
M. D.	*R. B. Ellis.		
"	*John Finch.		
"	*G. H. Hansbrough.		
"	D. M. Harris,		Tioga, Ill.
"	*C. Heidel.		
"	Joseph Heitzig,		St. Louis, Mo.
"	*H. F. Hughes.		
"	*Joseph Lafon,		Missouri.
"	*J. Linton.		
"	*R. C. Moffet.		
"	*J. T. Morris.		
"	*F. Polin,		Kentucky.
"	*J. D. Pope.		
"	I. M. Porter.		
"	*M. C. Posthauer.		
"	*P. B. Reiley.		
"	*D. C. Tandy.		
"	John L. Taylor,		Green Castle, Ky.
"	*W. B. Tebbs.		
"	*J. B. Thomas.		
"	*J. R. Thompson.		
"	Louis J. Villars,		Fredericktown, Mo.
"	*H. Wilson.		
"	*M. G. Young.		
A. B.	*Thomas R. Harvey,		Saline Co., Mo.
"	*John Harty,		St. Louis, Mo.
		1851.	
M. D.	*J. T. Atkinson,		
"	*S. Y. Baldwin.		
"	George S. Case,		Ferguson, Mo.
"	*John P. Cassilly,		St. Louis, Mo.
"	*J. Cattermole.		
"	*C. T. Cavanaugh.		
"	*William H. Clements.		
"	*E. S. Cooper.		
"	*D. J. De Felhorne.		
"	*P. T. Dimmit.		
"	*J. G. Evington.		
"	*A. S. Holliday.		
"	J. D. Jones,		Edgerton, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
M. D.	*W. M. Jones.		
"	*Benjamin Lafon.		
"	*Edward Lea.		
"	Isaac Lea,		Stapleton, N. Y.
"	*E. L. Le Neve.		
"	*D. T. Martin.		
"	*C. P. Mattingly.		
"	*S. H. McKay.		
"	*J. M. Murphy.		
"	D. O. Polin,		Springfield, Ky.
"	*J. Robbins, Jr.,		
"	*George S. Steele,		St. Louis, Mo.
"	E. S. Stuart,		Fairview, Ky.
"	*W. Taussig.		
"	*C. C. E. Todd.		
"	Gustavus Weber,		Cleveland, O.
"	*T. W. Woods.		
"	*J. Woodworth.		
		1852.	
M. D.	*B. F. Allen.		
"	R. Bailey,		Knoxville, Ill.
"	*A. P. Browne.		
"	*G. Buhl.		
"	*T. H. Capers.		
"	*W. T. Cardwell.		
"	*P. Chamberlin.		
"	*S. Chenault.		
"	*A. Erskine.		
"	*F. Ganter.		
"	*W. Hamilton.		
"	J. M. Harding,		Nashville, Tenn.
"	*E. Hasse.		
"	*J. R. Henry.		
"	*T. P. Hodges.		
"	*J. F. Howard.		
"	*T. McAleney.		
"	*R. J. McDaniel.		
"	*J. G. Meagher.		
"	*L. A. Morehead.		
"	S. L. Nidelet,		St. Louis, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
M. D.	*H. Pernot.		
"	*H. W. Poston.		
"	E. M. Powers,		St. Louis, Mo.
"	R. C. Prewitt,		Louisville, Mo.
"	*A. P. Scales.		
"	*L. C. Thomas.		
"	J. H. Watson.		
"	*J. N. Wood.		
A. B.	*John I. Coghlan,	Clergyman.	Ireland.
"	*Edward T. Farish,	Attorney at Law.	Woodville, Miss.
"	*Edward I. Fitzpatrick	Clergyman.	St. Louis, Mo.
"	*William Linton,	Attorney.	St. Louis, Mo
"	*Homer Mille,		Manchac, La.
"	*Edmond Trepagnier,		St. Charles, La.
	1853.		
A. M.	*Thos. A. Lonergan,	Physician.	St. Louis, Mo.
"	*Francis L. Haydel,	Physician.	St. James, La.
"	*Frederick Ihmsen,	Lawyer.	Pittsburg.
M. D.	*J. B. Bell,		Potosi, Mo.
"	*J. Bostick,		Tennessee.
"	*T. K. Bostick,		Tennessee.
"	Numan Brookings,		Indiana.
"	A. D. Bull,		Alton, Ill.
"	*J. W. Chenoweth,		
"	*Jacob Cooper,		New York.
"	*P. R. Dill,		Missouri.
"	William Drechsler,		St. Louis, Mo.
"	*J. Farman,		Illinois.
"	*C. Faupel,		Missouri.
"	*F. J. Fulkerson,		Missouri.
"	*T. J. Grafton,		Mississippi.
"	*W. R. Hamilton.		
"	*F. L. Haydel,		St. Louis, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
M. D.	T. M. Helm,		Williamsville, Ill.
"	*R. M. Hull,		Tennessee.
"	*O. C. Johnson,		Illinois.
"	*R. C. Johnson,		Missouri.
"	*J. Kuykendall,		Louisiana.
"	Walter T. Lenoir,		Columbia, Mo.
"	*Hugh Martin.		
"	*E. W. Moore,		Decatur, Ill.
"	*C. W. Palmer,		Missouri.
"	*W. W. Patton,		Missouri.
"	*Francis Peters.		
"	J. V. B. Reynolds,		Suisun City, Cal.
"	J. M. Ridge,		Camden, N. Y.
"	*K. Ryland,		Missouri
"	*James M. Scott,		St. Louis, Mo.
"	J. E. Stone,		Forrest City, Ark.
"	*W. M. Tuttle,		Missouri.
"	*J. W. Van Brunt,		Illinois.
"	*B. K. Whitaker,		Missouri.
"	W. B. Wilson,		Cape Girardeau, Mo.
"	*Jeremiah Woods,		Illinois.
"	*J. F. Yancey,		La Vita, Colo.

1854.

A. M.	Emile Doumeing, A. B.,	Physician	New Orleans, La.
"	*Edward T. Farish,	Attorney	St. Louis, Mo.
"	*William Linton,	Attorney and Writer	Chicago, Ill.
M. D.	John M. Allen, President Kansas City Medical College		Liberty, Mo.
"	*William C. Bohannon,		Missouri.
"	*Thomas G. Booker,		Kentucky.
"	James T. Crow,		Carrolltown, Ill.
"	W. H. Cundiff,		Kentucky.
"	*Richard Doyle,		Missouri.
"	Edwin C. Evans,		
"	*John Evans,		Homer City, Penn.
"	Alexander Fekete,		East St. Louis, Ill.
"	Isaac W. Fink,		Hillsboro, Ill.
"	J. D. Gant,		Knoxville, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
M. D.	William A. Gordon,		Chester, Ill.
"	August Hoffmeister,		Fort Madison, Ia.
"	John B. Holman,		Boonville, Mo.
"	*Andrew F. Jeter,		Missouri.
"	*Emil Lange,		St. Louis, Mo.
"	*Jonathan Leigh,		Missouri.
"	*William C. Maddox.		
"	*E. L. Marshall,		Illinois.
"	*Joseph Marshall,		Kentucky.
"	*James A. Maury,		Illinois.
"	John W. Magee,		Moberly, Mo.
"	Constine H. Murphy,		Chesterfield, Ill.
"	*Edward F. Newberry,		Missouri.
"	Perry E. Noel,		St. Louis, Mo.
"	W. Cox Pace,		Ashley, Ill.
"	*Arunah Parkhurst,		Farmington, Mo.
"	*G. N. Poston,		Illinois.
"	*John J. Rackerby,		Missouri.
"	*J. J. Reed,		Illinois.
"	*Don C. Roberts,		Missouri.
"	*John A. Shuttleworth,		Kentucky
"	*Solon Stark,		Missouri.
"	*Joseph C. Stone,		Burlington, Iowa.
"	*John Thompson,		Mississippi.
"	*Jacob Welborn,		Missouri.
"	Alfred P. White,		Missouri.
A. B.	*William Kenny,		Ireland.
"	*Adolph Menard,		Galveston. Tex.

1855.

A. M.	*Charles A. Pope,	Physician and Professor.	St. Louis, Mo
"	*Moses L. Linton,	Physician and Professor.	St. Louis, Mo.
"	Robert A. Bakewell,	Attorney.	St. Louis, Mo.
M. D.	*Z. Anderson.		
"	J. T. Berghoff,		St. Joseph, Mo.
"	*T. Canisius.		
"	*M. Chapman.		
"	*A. J. Claiborne,		St. Louis, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
	1855.		
M. D.	*W. Dobson.		
"	*J. W. Euseew.		
"	*J. J. Ferguson.		
"	M. M. Goodman,		Jonesboro, Ill.
"	B. W. Harris,		Groveland, Ill.
"	*J. Heidel.		
"	*G. M. Holt.		
"	*F. Horn.		
"	*W. Johnson.		
"	*A. G. Jones.		
"	*J. H. Klinekorte,		Missouri.
"	*J. Lebrecht.		
"	J. R. Lewis,		Blackwater, Mo.
"	*J. L. Maxwell, Jr.		
"	J. B. McCartney,		Villisca, Iowa.
"	*D. H. McCord.		
"	James E. McDavitt,		Quincy, Ill.
"	D. McDill,		Burlington, Iowa.
"	E. J. McGorrisk,		Des Moines, Iowa.
"	*J. B. Mudd.		
"	*James H. Petty,		Jacksonville, Mo.
"	*N. Plummer.		
"	*F. Rieger.		
"	August Rooch,		St. Louis, Mo.
"	*D. K. Rule.		
"	J. L. Shumate,		Sikeston, Mo.
"	C. L. Smith,		Barnston, Neb.
"	*J. H. South.		
"	*J. F. Spilman.		
"	*C. C. Swanwick.		
"	G. W. Taylor,		Humboldt, Kan.
"	*J. Thompson.		
"	J. M. Walker,		Fulton, Miss.
"	*P. Young,		Mendon, Ill.
"	J. G. Zeller,		Spring Bay, Ill.
A. B.	*George J. Hood,		St. Louis, Mo.
"	*Edward A. Leavy,	Writer.	St. Louis, Mo.
"	*Henry B. Murphy,		Old Mines, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
	1856.		
A. M.	*William Kenny,		St. Louis, Mo.
A. B.	Bartholomew M. Chambers,	Banker.	St Louis, Mo.
"	*Robert V. Corcoran,		St. Louis, Mo.
"	*John H. Reel,		St. Louis, Mo.
"	Emile Webre,	Planter.	St. James Parish, La.
	1857.		
A. M.	*Theodosius Barrett,		St. Louis, Mo.
"	*J. Richard Barret,	Attorney.	New York.
	1858.		
A. M.	Robert V. Corcoran,		St. Louis, Mo.
"	*John H. Reel,		St. Louis, Mo.
A. B.	*James A. Kelly,		St. Louis, Mo.
"	*George A. Dickinson,		St. Louis, Mo.
"	*Adolph Webre,		St. James Parish, La.
	1859.		
A. M.	Frederick W. Elbrey,	Attorney.	Cincinnati, O.
A. B.	James A. Kennedy,	Attorney.	St. Louis, Mo.
"	*Thomas Grace,		St. Louis, Mo.
	1860.		
A. B.	Aloysius Averbeck,	Clergyman.	St. Charles, Mo.
"	*Eugene H. Brady,	Clergyman, Author.	Chicago, Ill.
"	*James Keenan,		St. Louis, Mo.
"	*Thomas Lyons,		St. Louis, Mo.
"	Patrick O'Reilly,	Clergyman.	St. Louis, Mo.
	1861.		
A. B.	Rodney W. Anderson,	Physician.	St. Louis, Mo.
"	Marcellin M. Boissac,	Merchant.	St. Gabriel, La.
"	Francis X. McCabe,	Lawyer.	St. Louis, Mo.
"	*John Moynihan,	Clergyman.	St. Louis, Mo.
"	*Bernard M. Rice,		St. Louis, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
		1862.	
A. B.	John K. Broderick,	Manufacturer.	St. Louis, Mo.
"	*John H. Ketterer,	Lawyer.	St. Louis, Mo.
"	*Francis X. Lamotte,	Lawyer.	St. Louis, Mo.
"	*John Langton,	Banker.	St. Louis, Mo.
"	*Louis S. Tesson,	U. S. Army.	St. Louis, Mo.
		1863.	
A. B.	*Andrew J. Kennedy,	Attorney.	St. Louis, Mo.
"	Jeremiah F. Conroy,	Attorney.	Santa Barbara, Cal.
"	Gerald L. Griffin,	Attorney.	St. Louis, Mo.
		1864.	
A. M.	*John H. Ketterer,	Attorney.	St. Louis, Mo.
"	*Francis X. Lamotte,	Attorney.	St. Louis, Mo.
"	Patrick O'Reilly,	Clergyman	St. Louis, Mo.
"	J. A. Timmons,	Professor.	Bardstown, Ky.
"	Julius S. Walsh,	Capitalist.	St. Louis, Mo.
A. B.	*Santiago Belden,	Merchant	New Laredo, Mexico.
"	*James A.Butler,		Cincinnati, O.
"	Jules J. Desloge,	Bank Cashier.	St. Louis, Mo.
"	George W. Fichtenkamp,	Lawyer.	Toledo, O.
"	George H. Loker,	President International Motor Co.	St. Louis, Mo.
"	James A. Walsh,		St. Louis, Mo.
"	Joseph W. Rickert,	Lawyer.	Waterloo, Ill.
		1865.	
LL. D.	*Alex. J. P. Garesche,	Lawyer.	St. Louis, Mo.
"	*Moses L. Linton,	Physician and Professor.	St. Louis, Mo.
A. M.	*Francis X. McCabe,	Lawyer.	St. Louis, Mo.
A. B.	*Francis E. Bonnet,		St. Louis, Mo.
"	Holdridge O. Collins,	Lawyer.	Los Angeles, Cal.
"	Charles W. Knapp,	Editor.	St. Louis, Mo.
"	*Charles C. Lamotte,		St. Louis, Mo.
"	*Lewis C. Smith,		St. Louis, Mo.
"	Francis L. Stuever,	Physician.	Germany.
		1866.	
A. M.	James A. Kennedy,	Professor.	Waterloo, Ill.
"	George W. Fichtenkamp,	Attorney.	Toledo, O.
A. B.	*Wolsey W. Collins,	Attorney.	San Francisco, Cal.
"	*Bernard Finney,		St. Louis, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
	1867.		
A. M.	Holdridge O. Collins,	Attorney.	Los Angeles, Cal.
"	Charles W. Knapp,	Journalist.	St. Louis, Mo.
"	Francis L. Stuever,	Physician.	Germany.
A. B.	Shepard J. Barclay,	Lawyer.	St. Louis, Mo.
"	Don Alonzo Burke,	Real Estate Broker.	Carlinville, Ill.
"	Charles F. Loker,		St. Louis, Mo.
"	John B. O'Meara,		St. Louis, Mo.
	Ex-Lt. Governor of Missouri, Contractor.		
	1868.		
A. M.	A. D. Cecil,		
	Professor, Founder of Cecilian College.		Cecilian, Ky.
"	Jeremiah F. Conroy,	Attorney.	Santa Barbara, Cal.
"	Gerald L. Griffin,	Attorney.	St. Louis, Mo.
"	*Andrew J. Kennedy,	Attorney.	St. Louis, Mo.
	1869.		
A. M.	*Felix McArdle,	Civil Engineer.	St. Louis, Mo.
A. B.	George H. Backer,		St. Louis, Mo.
	Treasurer of Transportation Co.		
"	Charles A. Fanning,	Lawyer.	Chicago, Ill.
"	Leon Greneaux,	Professor.	Natchitoches, La.
"	Robert J. Holloway,	Attorney.	Dallas, Tex.
"	Lewis L. McCabe,	Physician.	St. Louis, Mo.
	1870.		
A. M.	*Montrose A. Pallen,	Physician.	St. Louis, Mo.
"	John F. McDermott,	Author.	St. Louis, Mo.
"	Joseph W. Rickert,	Lawyer.	Waterloo, Ill.
A. B.	*Daniel D. Burnes	Lawyer.	Weston, Mo.
"	*Michael J. McLoughlin,	Clergyman.	Hannibal, Mo.
"	*Joseph A. Mulhall,	Physician.	St. Louis, Mo.
"	*George E. Wilkinson,		Yazoo City, Miss.
"	*Louis A. Lebeau,	Physician.	St. Louis, Mo.
"	*Benjamin T. McEnery,	Lawyer.	Monroe, La.
"	*Jefferson L. Mellon,		Claysville, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
	1871.		
A. B.	Louis R. Bergeron,	Banker.	New Orleans, La.
"	William T. Humes,	With Electric Co.	St. Louis, Mo.
"	*Charles A. Laforge,		New Madrid, Mo.
"	P. William Provenchere,	Attorney.	St. Louis, Mo.
"	Hon. Valle F. Reyburn,	Attorney.	St. Louis, Mo.
	1872.		
A. M.	*Louis A. Lebeau,	Physician.	St. Louis, Mo.
A. B.	Eleuterio Baca,	Teacher.	Las Vegas, N. M.
"	John M. Breard,	Real Estate Broker.	Monroe, La.
"	Robert M. Breard,	Real Estate Broker.	Monroe, La.
"	*Callender J. Lewis,		Frankfort, Ky.
"	*Edmund R. Lynch,		St. Louis, Mo.
	1873.		
A. M.	Louis R. Bergeron,	Banker.	Galveston, Tex.
"	*Daniel D. Burnes,	Attorney.	Weston, Mo.
"	*John A. McMenamy,		St. Joseph, Mo.
A. B.	James N. Burnes,		St. Joseph, Mo.
	Pres. Empire Loan Association and Vice-Pres. National Bank.		
"	*Henry S. Garesche,	Medicine.	St. Louis, Mo.
"	*Ralph W. Humes,	Merchant.	St. Louis, Mo.
	1874.		
A. B.	*Alfred Bouvier,	Capitalist.	San Francisco, Cal.
"	Matthew F. Burke,	Lawyer.	Washington, Ind
"	Louis J. Hornsby,	Lawyer.	St. Louis, Mo
"	Francis J. Lutz,	Physician.	St. Louis, Mo.
"	Andrew F. McAllister,	Real Estate Broker.	St. Louis, Mo
"	Thomas J. Reyburn,	Insurance Agent.	St. Louis, Mo.
"	*George P. Miron,		St. Louis, Mo.
"	Amedee V. Reyburn,		St. Louis, Mo.
	Department Manager Trust Co.		
"	*J. Gaston Soulard,	Physician.	St. Louis, Mo.
"	*Michael Courtney,	Professor.	St. Louis, Mo.
	1875.		
A. M.	*Henry S. Garesche,	Physician.	St. Louis, Mo.
"	William A. Geresche,	Attorney.	St. Louis, Mo.
"	*Edward Walsh, Jr.,	Civil Engineer.	St. Louis, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
A. B.	James Boro,	Merchant.	Memphis, Tenn.
"	Louis H. Jones,	Accountant.	St. Louis, Mo.
"	Eugene C. Slevin,	Lawyer.	St. Louis, Mo.
"	Solomon A. Link,		St. Louis, Mo.
		1876.	
A. M.	*R. Graham Frost,	Attorney.	St. Louis, Mo.
"	Francis J. Lutz,	Physician and Professor.	St. Louis, Mo.
A. B.	Thomas H. Coppinger,	Attorney.	St. Louis, Mo.
"	William E. Furlong,	Attorney.	Milwaukee, Wis.
"	James W. Garneau,	Merchant.	St. Louis, Mo.
"	G. Edmund Graves,		Lebanon, Ky.
"	James J. Harrison,		St. Louis, Mo.
"	Alfred H. Kernion,	Merchant.	New Orleans, La.
"	*J. Henry Koetting,	Clergyman.	Milwaukee, Wis.
		1877.	
A. M.	Louis J. Hornsby,	Attorney.	St. Louis, Mo.
"	*J. Gaston Soulard,	Physician.	St. Louis, Mo.
A. B.	*James A. Cain,		Louisville, Ky.
"	Ashley C. Clover,	Attorney.	St. Louis, Mo.
"	*Joseph Solari,		St. Louis, Mo.
		1878.	
A. B.	Andrew J. Duggan,	Lawyer.	St. Louis, Mo.
"	James E. Hereford,	Lawyer.	Florissant, Mo.
"	John J. McNamara,	Lawyer.	St. Louis, Mo.
B. S.	*Russel K. Price,		Louisville, Ky.
"	Harry D. Wilkes,		Louisville, Ky.
		1879.	
LL. D.	*J. S. B. Alleyne,	Physician.	St. Louis, Mo.
"	Hon. R. A. Bakewell,	Attorney.	St. Louis, Mo.
"	*Hon. J. Richard Barret,	Attorney.	St. Louis, Mo.
"	Jerome K. Bauduy,	Physician.	St. Louis, Mo.
"	*Louis C. Boisliniere,	Physician.	St. Louis, Mo.
"	*Hon. H. A. Clover,	Attorney.	St. Louis, Mo.
"	*Emile Doumeing,	Physician.	New Orleans, La.
"	*Edward T. Farrish,	Attorney.	St. Louis, Mo.
"	*Hon. A. H. Garland,	Attorney General U. S.	Arkansas.
"	Elisha H. Gregory,	Physician.	St. Louis, Mo.
"	*Hon. Jas. Halligan,	Attorney.	Union, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
LL. D.	*Hon. Henry B. Kelly,	Attorney.	New Orleans, La.
"	*Timothy L. Papin,	Physician.	St. Louis, Mo.
"	*Hon. T. C. Reynolds,	Attorney.	St. Louis, Mo.
"	Elsworth F. Smith,	Physician.	St. Louis, Mo.
A. M.	Rodney W. Anderson,	Physician.	St. Louis, Mo.
"	Walter J. Blakely,	Manufacturer.	St. Louis, Mo.
"	Matthew F. Burke,	President People's National Bank.	Washington, Ind.
"	*James A. Cain,	Writer.	Fairfield, Ky.
"	Lucien Carr,	Professor of Anthropology.	Cambridge, Mass.
"	Bartholomew M. Chambers,	Banker, Farmer.	St. Louis, Mo.
"	Ashley C. Clover,	Attorney.	St. Louis, Mo.
"	*Wolsey W. Collins,	Attorney.	San Francisco, Cal.
"	Thomas H. Coppinger,	Attorney.	Alton, Ill.
"	William A. Hardaway,	Physician.	St. Louis, Mo.
"	Michael F. Healy,	Attorney.	St. Louis, Mo.
"	*Ralph W. Humes,	Literature.	St. Louis, Mo.
"	William T. Humes,	Merchant.	St. Louis, Mo.
"	Louis H. Jones,	Merchant.	St. Louis, Mo.
"	George H. Loker, Jr.,	Merchant.	St. Louis, Mo.
"	John J. McCann,	Attorney.	St. Louis, Mo.
"	*Michael J. McLoughlin,	Clergyman.	Hannibal, Mo.
"	P. William Provenchere,	Lawyer.	St. Louis, Mo.
"	Amedee V. Reyburn,	Manager Trust Co.	St. Louis, Mo.
"	Valle F. Reyburn,	Attorney.	St. Louis, Mo.
"	Eugene C. Slevin,	Attorney.	St. Louis, Mo.
"	Louis S. Tesson,	Physician.	Ft. Custer, Mont.
A. B.	*Wilbur N. Beal,	Journalist.	St. Louis, Mo.
"	Louis C. Boisliniere, Jr.,	Physician.	St. Louis, Mo.
"	Lashley M. Gray,	Physician.	California, Mo.
"	Harry L. Haydel,	Real Estate Broker.	St. Louis, Mo.
"	James W. Hingston,		Kansas City, Mo.
"	Francis H. Hobein,	Attorney.	St. Louis, Mo.
"	Robert T. Vennemann,	Physician.	Evansville, Ind.
"	Edward H. Jones,	Merchant.	Chicago, Ill.
"	William H. Lepere,		St. Louis, Mo.
B. S.	Joseph A. Clarkson,	Merchant.	St. Louis, Mo.
"	*John W. Hughes,		Ohio.
"	*Thomas Roberson,		Arcadia, Mo

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
	1880.		
LL. D.	*M. A. Pallen,	Physician.	New York City.
Ph. B.	*John W. Hughes,		St. Louis, Mo.
"	*Thomas S. Roberson,		St. Louis, Mo.
"	Samuel T. Armstrong,	Surgeon, U. S. A.	St. Louis, Mo.
"	*J. P. Kingsley,	Physician.	St. Louis, Mo.
"	Justin Steer,	Physician.	St. Louis, Mo.
"	*William H. Crawford,		St. Louis, Mo.
"	*James A. Cain,	Journalist.	St. Louis, Mo.
A. M.	John M. Dickson,	Lawyer.	St. Louis, Mo.
"	James E. Hereford,	Lawyer.	St. Louis, Mo
"	*John Lesperance,	Author.	Canada.
"	*Michael Courtney,	Professor.	St. Louis, Mo.
"	Henry L, Haydel,	Real Estate Broker.	St. Louis, Mo.
"	William H. Lepere,		St. Louis, Mo.
"	Andrew J. Duggan,	Lawyer.	St. Louis, Mo.
"	T. S. Hogan,		St. Louis, Mo.
"	Louis C. Boisliniere, Jr.,	Physician.	St. Louis, Mo.
A. B.	Alonzo C. Church,	Attorney.	St. Louis, Mo.
"	*Paul J. Cullen,		St. Louis, Mo.
"	Joseph F. Fillo,	Merchant.	St. Louis, Mo.
"	*John F. Foley,		St. Louis, Mo.
"	J. Edmund Gorman,	Bookkeeper	St. Louis, Mo.
"	John B. Keber,	Physician.	St. Louis, Mo.
"	*Thomas M. Knapp,	Lawyer.	St. Louis, Mo.
"	Louis E. Newman,	Physician.	St. Louis, Mo.
B. S.	John F. McDermott,	Lawyer.	St. Louis, Mo.
"	Edward G. Trueheart,	Civil Engineer.	San Antonio, Tex.
	1881.		
Ph. B.	Louis Blankemeier,	Journalist.	St. Louis, Mo.
"	Alonzo C. Church,	Lawyer.	St. Louis, Mo.
"	William H. Frazier,	Physician.	St. Louis, Mo.
"	Andrew A. Henske,	Physician.	St. Louis, Mo.
"	Matthew Lonergan,		St. Louis, Mo.
"	William N. Brennan,	Physician.	St. Louis, Mo.
A. M.	Alonzo C. Church,	Lawyer.	St. Louis, Mo.
"	Joseph F. Fillo,	Merchant.	St. Louis, Mo.
"	*John F. Foley,		St. Louis, Mo.
"	J. Edmund Gorman,	Bookkeeper.	St. Louis, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
A. M.	Robert T. Vennemann,	Physician.	Evansville, Ind.
A. B.	John F. Cahill,	Journalist.	St. Louis, Mo.
"	*Albert H. Coale,		St. Louis, Mo.
"	Julius M. Garesche,	Real Estate Broker.	St. Louis, Mo.
"	William L. Hornsby,	Clergyman.	Montreal, Canada.
"	*Thomas B. Lynch,		St. Louis, Mo.
"	Albert J. Meyer,	Physician.	Thibodaux, La.
"	Henry C. Young,	Lawyer.	Springfield, Mo.
B. S.	James J. Butler,	Lawyer.	St. Louis, Mo.
"	Henry C. Gerke,	Real Estate Broker.	Edwardsville, Ill.
"	William T. Griffin.		
"	*Philip Ring,		St. Louis, Mo.

1882.

Ph. B.	*Albert H. Coale,		St. Louis, Mo.
"	*Patrick P. H. Cronin,	Physician.	Chicago, Ill.
"	F. Nich. Hoffschmidt,		New York City.
"	William T. Thompson.		
A. M.	*Albert H. Coale,		St. Louis, Mo.
"	Julius M. Garesche,	Real Estate Broker.	St. Louis, Mo.
"	*Thomas M. Knapp,	Lawyer.	St. Louis, Mo.
"	J. H. McIntyre,	Physician.	St. Louis, Mo
"	*Oscar Blank,		St. Louis, Mo..
A. B.	John A. Bauer,	Physician.	St. Louis, Mo.
"	Abraham Block,	Merchant.	St. Louis, Mo.
"	*S. Christy Church,		St. Louis, Mo.
"	Henry D. Stauf,	Physician.	St. Louis, Mo.
B. S.	Coke B. Wallace,		Illinois.

1883.

Ph. D.	M. W. Willis,	Clergyman.	St. Louis, Mo.
Ph. B.	Conde B. Pallen,	Journalist.	New York.
A. M.	J. B. Schnelten,	Clergyman.	Flora, Ill.
"	T. G. Comstock,	Physician.	St. Louis, Mo.
"	W. P. Thompson,		
"	Abraham Block,	Merchant.	St. Louis, Mo.
A. B.	George G. Bain,	Journalist.	New York.
"	*J. Edward Coleman,		St. Louis, Mo.
"	John Harkins,	Clergyman.	East St. Louis, Ill.
"	Henry T. Hornsby,	Engineer.	St. Louis, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
"	Aloysius J. Kanne,	Physician.	Peoria, Ill.
"	Louis E. Meyer,	Physician.	Thibodaux, La.
B. S.	Felix Provenchere,	Real Estate Broker.	St. Louis, Mo.
		1884.	
LL. D.	P. G. Robinson,	Physician.	St. Louis, Mo.
Ph. B.	Joseph Grindon,	Physician.	St. Louis, Mo.
A. M.	Eustathius A. Chancellor,	Physician and Surgeon.	St. Louis, Mo.
"	J. Manning,	Physician.	St. Louis, Mo.
"	Horatio P. Nelson,	Accountant.	St. Louis, Mo.
A. B.	*J. Soulard Lamotte,		St. Louis, Mo.
"	Joseph A. Murphy,		St. Louis, Mo.
"	Charles A. Powell,	Physician.	St. Louis, Mo.
"	Elsworth S. Smith,	Physician.	St. Louis, Mo.
B. S.	James B. Coale,	Manager Electric Co.	Minneapolis, Minn.
"	Francis X. Geraghty,	Merchant.	St. Louis, Mo.
"	*Loisel L. Papin,	Physician.	St. Louis, Mo.
		1885.	
A. M.	S. T. Armstrong,	Physician.	St. Louis, Mo.
"	Conde B. Pallen,	Journalist and Author.	New York.
"	Francis Holbein,	Attorney.	St. Louis, Mo.
"	A. J. Kanne,	Physician.	Peoria, Ill.
"	Henry D. Stauf,	Physician.	St. Louis, Mo.
A. B.	Patrick D. Connolly,	Physician,	St. Louis, Mo.
		1886.	
LL. D.	M. W. Willis,	Clergyman.	St. Louis, Mo.
Ph. D.	T. Griswold Comstock,	Physician.	St. Louis, Mo.
Ph. B.	Albert L. Berry,	Merchant.	
"	Edward N. Cullom,		St. Louis, Mo.
"	E. Lee,	Physician.	St. Louis, Mo.
A. M.	*J. C. Mulhall,	Physician.	St. Louis, Mo.
"	Patrick. D. Connolly,	Physician.	St. Louis, Mo.
"	John F. McDermott,	Lawyer.	St. Louis, Mo.
"	C. A. Powell,	Physician.	St. Louis, Mo.
A. B.	James W. Byrnes,	Manufacturer.	St. Louis, Mo.
"	*George F. Garneau,		St. Louis, Mo.
"	John F. O'Connor,	Clergyman.	Detroit, Mich.
"	Herman Pickert,	Clergyman.	Cincinnati, O.
"	P. Tecumseh Sherman,	Attorney.	New York.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
B. S.	Michael McEnnis,		St. Louis, Mo.
"	*John Parle,		St. Louis, Mo.
"	Eugene Reno,	Clerk, Postoffice.	St. Louis, Mo.
"	David Riley,	Cashier American Tobacco Co.	St. Louis, Mo.
		1887.	
Ph. B.	J. H. Grimm,	Attorney.	St. Louis, Mo.
A. B.	Cornelius F. Bauer,	Attorney.	St. Louis, Mo.
"	Thomas Flannelly,	Attorney.	Chetopa, Kan.
"	William J. Kennedy,	Real Estate Broker.	St. Louis, Mo.
"	John L. Simon,	Health Commissioner.	St. Louis, Mo.
"	John P. Warren,	Journalist.	New York.
		1888.	
A. M.	John J. McNamara,	Attorney.	St. Louis, Mo.
"	Elsworth S. Smith,	Physician.	St. Louis, Mo.
"	Cornelius F. Beanr,	Lawyer.	St. Louis, Mo.
"	John L. Simon,	Physician.	St. Louis, Mo.
"	John P. Warren,	Journalist.	New York.
A. B.	Thomas P. Burke,	Teller, City Treasurer's Office.	St. Louis, Mo.
"	Joseph M. Donovan,	Real Estate Broker.	St. Louis, Mo.
"	Charles A. Garesche,	With State National Bank.	St. Louis, Mo.
B. S.	John J. Schenk,	Clerk.	St. Louis, Mo.
		1889.	
A. B.	Edwin G. Bannantine,	Manufacturer.	St. Louis, Mo.
"	Edward A. Feehan,	Lawyer.	Chicago, Ill.
"	George L. Kippenberger,	With St. Louis Car Co.	St. Louis, Mo.
"	Herman J. Pfeifer,	Civil Engineer.	St. Louis, Mo.
		1890.	
A. M.	George G. Bain,	Journalist.	New York.
"	J. Hamilton Farish,	Lawyer.	St. Louis, Mo.
"	*George F. Garneau,		St. Louis, Mo.
"	John Harkins,	Clergyman.	East St. Louis, Ill.
"	John B. Keber,	Physician.	St. Louis, Mo.
"	Louis E. Newman,	Physician.	St. Louis, Mo.
"	P. Tecumseh Sherman,	Attorney.	New York City.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
A. B.	Walter H. Bain,		St. Louis, Mo.
"	John T. Fitzsimmons,	County Clerk's Office.	St. Louis, Mo.
"	Joseph W. Hohmann,	Capitalist.	Minneapolis, Minn.
"	W. Henry James,		St. Louis, Mo.
A. B.	George F. Mulligan,	Attorney.	Chicago, Ill.
B. S.	Harry McNamara,		St. Louis, Mo.

1891.

LL. D.	Leslie E. Keeley,	Physician.	Dwight, Ill.
A. M.	J. Edward Coleman,		St. Louis, Mo.
A. B.	T. Percy Carr,	Attorney.	St. Louis, Mo.
"	*William J. Cornet,		St. Louis, Mo.
"	Julius L. Foy,	Attorney.	St. Louis, Mo.
"	Joseph S. Geisel,	Manufacturer.	St. Louis, Mo.
"	Thomas Tennelly,		Wellston, Mo.
B. S.	William T. Coleman,		San Francisco, Cal.

1892.

A. B.	*Francis L. Evans,	Physician.	St. Louis, Mo.
"	Charles H. Flanagan,	Manufacturer.	Kansas City, Mo.
"	John M. Flynn,	Attorney.	Wisconsin.
"	Edwin A. Sheble,	Manufacturer.	New York.

1893.

A. M.	*William J. Cornet,		St. Louis, Mo.
"	Joseph S. Geisel,	Manufacturer.	Kansas City, Mo.
A. B.	John McH. Dean,	Physician.	St. Louis, Mo.
"	Denis J. Dowling,	Manufacturer.	St. Louis, Mo.
"	Henry C. Garneau,		St. Louis, Mo.
		Manager of Krey Packing Co.	
"	Maurice V. Joyce,	City Attorney.	East St. Louis, Ill.
"	Daniel J. McAuliffe,	Journalist.	St. Louis, Mo.
"	Joseph A. McMenamy,		St. Louis, Mo.
		President Manufacturing Co.	
"	Eugene D. O'Reilly,		St. Louis, Mo.
		With Title Guaranty Trust Co.	
"	Philip V. Von Phul,	Physician.	St. Louis, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
		1894.	
A. M.	John M. Flynn,	Attorney.	Wisconsin.
"	George F. Mulligan,	Attorney.	Chicago, Ill.
A. B.	Reno A. Auer,	Attorney.	St. Louis, Mo.
"	James P. Boland,	Clerk, Railway Mail Service.	St. Louis, Mo.
"	George P. Burleigh,	Attorney.	St. Louis, Mo.
"	Joseph A. Collins,	Clergyman.	St. Louis, Mo.
"	John Dillon,	Attorney.	St. Louis, Mo.
"	Thomas J. Masterson,	Journalist.	St. Louis, Mo.
"	Charles B. Norris,	Clerk, City Comptroller's Office.	St. Louis, Mo.
"	Andre C. Scanlan,		Kentucky.
"	Edward V. P. Schneiderhahn,	Attorney.	St. Louis, Mo.
"	Howard P. Spellen,	Stenographer.	St. Louis, Mo.
"	Francis A. Thornton,	Attorney.	St. Louis, Mo.
"	Alphonse J. Walsh,	Real Estate Broker.	St. Louis, Mo.
		1895.	
A. M.	Julius L. Foy,	Attorney.	St. Louis, Mo.
"	John McH. Dean,	Physician.	St. Louis, Mo.
"	Henry C. Garneau,	Mgr. Krey Packing Co.	St. Louis, Mo.
"	Maurice V. Joyce,	Attorney.	East St. Louis, Ill.
"	Philip V. Von Phul,	Physician.	St. Louis, Mo.
A. B.	Alonzo F. Barr,	Professor.	St. Louis Co., Mo.
"	Owen J. Clarke,	Clerk, Mail Service.	Kansas City, Mo.
"	Patrick J. Dowling,	Manufacturer.	St. Louis, Mo.
"	Francis X. Green,	Real Estate Broker.	St. Louis, Mo.
"	John B. Reno,	Professor.	Notre Dame, Ind.
"	Charles W. Thierry,	Physician.	St. Louis, Mo.
		1896.	
A. M.	Francis A. Thornton,	Attorney.	St. Louis, Mo.
A. B.	Eugene H. Angert,	Attorney.	St. Louis, Mo.
"	John K. Broderick,	Physician.	St. Louis, Mo.
"	John B. Denvir,	Attorney.	St. Louis, Mo.
"	Paul Dillon,	Attorney.	St. Louis, Mo.
"	Tankerville J. Drew,	With Kerwin Glass Co.	St. Louis, Mo.
"	Edward F. Garesche,	Professor.	Cincinnati, O.
"	Ferdinand A. Garesche,	With Madison Car Co.	Madison, Ill.
"	R. Emmet Kane,	Physician.	St. Louis, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
A. B.	James G. Lightholder,		St. Louis, Mo.
"	John M. O'Connell,	Railway Clerk.	East St. Louis, Ill.
"	Paul D. Rooney,	Clergyman.	St. Louis, Mo.
"	Edward J. Troy,	Journalist.	St. Louis, Mo.
"	Joseph P. Walsh,	Journalist.	St. Louis, Mo.
"	Francis A. Wise,	Civil Engineer.	St. Louis, Mo.

1897.

A. M.	Reno A. Auer,	Lawyer.	St. Louis, Mo.
"	Francis X. Green,	Real Estate Broker.	St. Louis, Mo.
"	John B. Reno,	Professor	Notre Dame, Ind.
"	Charles W. Thierry,	Physician.	St. Louis, Mo.
A. B	J. Henry Bracken,	Attorney.	St. Louis, Mo.
"	William A. Dillon,	Physician.	St. Louis, Mo.
"	W. Brantner Finney,	Journalist.	St. Louis, Mo.
"	Julian A. Gehrung,	Physician.	New York.
"	John P. Lynch,	Divinity Student	St. Louis, Mo.
"	Vincent A. McGrath,	With Pittsburgh Plate Glass Co.	St. Louis, Mo.
"	Bradford Murphy,	Merchant	St. Louis, Mo.
"	Louis R. Padberg,	Physician.	St. Louis, Mo.
"	Ambrose J. Riley,	Attorney	St. Louis, Mo.
"	Francis L. Schreiner,	Commission Merchant.	St. Louis, Mo.
"	*William A. Solari,		St. Louis, Mo.
"	Mark A. Stead,	Attorney.	St. Louis, Mo.
"	John N. Straat,	Captain U. S. A.	Ft. Leavenworth, Kas.

1898.

A. M.	John B. Denvir,	Lawyer.	St. Louis, Mo.
"	Edward F. Garesche,	Professor.	Cincinnati, O.
"	R. Emmet Kane,	Physician.	St. Louis, Mo.
"	John A. Brady,	Clerk, City Hall.	St. Louis, Mo.
"	Richard A. Davis,	Clerk, Transportation Service.	St. Louis, Mo.
"	Paul C. Guignon,	Agent, Christy Fire Clay Co.	St. Louis, Mo.
"	Aloysius V. Imbs,	Secretary J. F. Imbs Milling Co.	St. Louis, Mo.
"	James A. Kinsella,	Clerk, Commissioner of Supplies Office.	St. Louis, Mo.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
A. B.	Bernard A. McMahon,	Bookkeeper Globe Printing Co.	St. Louis, Mo.
"	Albert J. Poulin,		St. Louis, Mo.
"	Amedee V. Reyburn,	Vice-Pres. Colonial Tobacco Co.	St. Louis, Mo.
"	Francis J. Rudden,	Professor.	Omaha, Neb.
"	L. Hastings Walsh,	General Manager New York Life Insurance Co.	Springfield, Ill.

1899.

A. M.	John R. Hume,	Physician.	St. Louis, Mo.
"	Julian A. Gehrung,	Physician.	New York.
"	Louis R. Padberg,	Physician.	St. Louis, Mo.
"	Bradford Murphy,	Merchant.	St. Louis, Mo.
"	William A. Dillon,	Physician.	St. Louis, Mo.
A. B.	Redmond S. Brennan,	With Crane & Co.	St. Louis, Mo.
"	George I. Drew,	With Pittsburgh Plate Glass Co.	St. Louis, Mo.
"	James F. Fox,	Bookkeeper.	St. Louis, Mo.
"	*Paul F. Fusz.		
"	H. Prenatt Green,	Real Estate Broker	St. Louis, Mo.
"	Joseph T. Lillich,	Draughtsman.	St. Louis, Mo.
"	Francis N. McGrath,		St. Louis, Mo.

1900.

A. M.	Thomas J. Masterson,	Journalist.	St. Louis, Mo.
"	Alonzo F. Barr,	Professor.	St. Louis Co., Mo.
A. B.	William M. Connor,	Merchant.	St. Louis, Mo.
"	Thomas F. Davis,	Agent Publishing Co.	St. Louis, Mo.
"	*Joseph F. Fairley,		
"	Roy E. Frye,	With Frye Manufacturing Co.	St. Louis, Mo.
"	George E. Gaiennie,	Agent Publishing Co.	Chicago, Ill.
"	William J. Grace,	Student.	Florissant, Mo.
"	F. Evremont Hornsby,		St. Louis, Mo.
"	Theodore J. Schulte,	Student.	St. Louis, Mo.

1901.

A. M.	Thomas Tennelly,		Wellston, Mo.
A. B.	Joseph E. Burke,		Texas.

* Deceased.

DEGREE	NAME	OCCUPATION	RESIDENCE
A. B.	Joseph M. Cummins,	Lieutenant, U. S. A.	Ft. Leavenworth, Kas.
"	George T. Desloge,	Lawyer.	St. Louis, Mo.
"	Martin H. Donohoe,	Dry Goods Commission.	St. Louis, Mo.
"	James M. Foster,	Clerk, Railway Mail Service.	St. Louis, Mo.
"	Thomas I. Glannon,	With Trust Co.	St. Louis, Mo.
"	Charles J. Haag,	Clerk, with American Commercial Co.	Nome, Alaska.
"	Andrew C. Henske,	Medical Student.	St. Louis, Mo.
"	Victor J. Horst,	Journalist.	Chicago, Ill.
"	Felix A. Guignon,	With Christy Fire Clay Co.	St. Louis, Mo.
"	A. Jackson Lindsay,	Lieutenant, U. S. A.	Manila, P. I.
"	James A. McDowell,	Clerk.	St. Louis, Mo.
"	Thomas A. McMahon,	Chief Clerk Commonwealth Steel Co.	Granite City, Ill.
"	Henry J. Mohrman,	With Title Guaranty Trust Co.	St. Louis, Mo.
"	Eugene J. Mudd,	With Bank of Commerce.	St. Charles, Mo.
"	Charles V. Roberts,	Agent, Chas. L. Crane & Co., Insurance.	St. Louis, Mo.
"	Edwin L. Sheahan,	Physician.	St. Louis, Mo.
"	Franklin M. White,	Lawyer.	St. Louis, Mo.
"	William F. Woods,	Cashier Commonwealth Steel Co.	Granite City, Ill.

1902.

A. B.	Louis J. Casey,	With P. A. Casey & Co.	St. Louis, Mo.
"	Joseph M. Connor,	Journalist.	St. Louis, Mo
"	Charles G. Ewing,	Clerk, Trust Co.	St. Louis, Mo.
"	Edward M. Gilmore,		Columbus, O.
"	Edward P. Hall,	With Nanson Commission Co.	St. Louis, Mo.
"	Victor A. Gummersbach,	Clerk, Herder Co.	St. Louis, Mo.
"	Edward Linton Gross,	City Salesman, Kranschar Brass Mfg. Co.	St. Louis, Mo.
"	Edgar M. McLean,	with Armour & Co.	St. Louis, Mo.
"	Leo J. Nouss,	With American Credit Investment Co.	St. Louis, Mo.
"	John J. O'Neill,	Student.	St. Louis, Mo.
"	Louis B. Schauwecker,		Missouri.
"	John H. Sheahan,	Lawyer.	St. Louis, Mo.
"	Francis J. Sullivan,	Medicine.	St. Louis, Mo.
"	Edward J. Walsh,	Lawyer.	St. Louis, Mo.

DEGREE	NAME	OCCUPATION	RESIDENCE
	1903.		
A. M.	Edwin L. Sheahan,	Physician.	St. Louis, Mo.
A. B.	George A. Cibulka,	Professor.	St. Louis, Mo.
"	Francis A. Connor,		St. Louis, Mo.
	With Continental Brick Co.		
"	Albert H. Donnewald,	Student.	St. Louis, Mo.
"	Theodore C. Duenwald,	Lawyer.	St. Louis, Mo.
"	Joseph S. Fleming,	With Christy Fire ClayCo.	St. Louis, Mo.
"	Eugene C. Gummersbach,	with Herder.	St. Louis, Mo.
"	Joseph A. Herbers,	Student.	Florissant, Mo.
"	Jake M. Lashly,	Lawyer.	St. Louis, Mo.
"	Joseph S. Malecek,	Real Estate Agent.	St. Louis, Mo.
"	Charles A. Neumann,	Clerk.	St. Louis, Mo.
"	Raymond J. Padberg,	Pharmacist.	St. Louis, Mo.
"	Walter H. Pollman,	Student.	St. Louis, Mo.
"	Edward W. O'Brien,	Real Estate Agent.	St. Louis, Mo.
"	John R. Reyburn,	Student.	St. Louis, Mo.
	1904.		
LL. D.	Paul Bakewell,	Attorney.	St. Louis, Mo.
"	J. Shepard Barclay,		St. Louis, Mo.
	Ex-Justice Supreme Court of Missouri.		
"	Young H. Bond,		St. Louis, Mo.
	Physician, Dean of the University Medical School.		
"	Paul Capdevielle,	Lawyer,	New Orleans, La.
	Mayor of New Orleans.		
"	David R. Francis,		St. Louis, Mo.
"	Charles W. Knapp,		St. Louis, Mo.
	Publisher of St. Louis Republic.		
"	Julius S. Walsh,	Capitalist.	St. Louis, Mo.
"	Edward D. White,		Washington, D. C.
	Justice of Supreme Court.		
Ph. D.	Constantius M. Graham, F. S. C.,	Professor.	St. Louis, Mo.
A. M.	Isaac S. Taylor,	Architect.	St. Louis, Mo.
M. D.	Edgar W. Amman,		Highland, Ill.
"	Fred M. Anderson,		Lennox, Ia.
"	Parkey H. Anderson,		Kenton, Mo.
"	George W. Becker,		St. Louis, Mo.
"	Clarence R. Bell,		Lowder, Ill.
"	Robert C. Block, M. D.,		St. Louis, Mo.
"	John T. Bradshaw,		St. Paul, Kas.

DEGREE	NAME	OCCUPATION	RESIDENCE
M. D.	Albert L. Breeding,		Hereford, Tex.
"	James B. Bright,		Orchardville, Ill.
"	William C. Bryant,		McKinney, Tex.
"	D. Clifton Burnett,		Sharon, Pa.
"	John L. Cass,		Raymond, Ill.
"	Otto Christian,		Springdale, Ark.
"	Thomas A. Clark,		Mt. Vernon, Ill.
"	John W. Clayton,		Ewing, Ill.
"	Charles D. Cobb,		St. Louis, Mo.
"	Earl Crawford,		Saratoga, Wyo.
"	Albert H. Dollear,		Jacksonville, Ill.
"	Herbert D. Edmonds,		Culbertsoni, Mont.
"	G. Arthur Estel,		Fountain Bluff, Ill.
"	Theidore F. Fienup,		St. Louis, Mo.
"	Julius T. Freund,		St. Louis, Mo.
"	Winford L. Fuller,		Imperial, Cal.
"	George H. Galbraith,		Johnsonville, Ill.
"	Leon C. Garcia,		St. Louis, Mo.
"	Harry C. Goodson,		Hopkins, Mo.
"	Joachim D. F. Grage,		St. Louis, Mo.
"	Arlander S. Graydon,		Texarkana, Ark.
"	John W. Hagan,		Keokuk, Ia.
"	Charles G. Harris,		Harrisburg, Ill.
"	Grove W. Harris,		Marshalltown, Ia.
"	Samuel W. Hauck,		Sappington, Mo.
"	William H. Hemker,		Catawissa, Mo.
"	William H. Heuermann,		St. Louis, Mo.
"	Frederick R. Hickey,		Chanute, Kas.
"	Eugene Hultz, M. D.,		Hill City, S. Dak.
"	Robert M. James,		Bentonville, Ark.
"	Norville W. Jarvis,		Jarvis, Mo.
"	J. Baba Johanna,		Oroomiah, Persia.
"	Willard J. Johnson,		Mt. Vernon, Ill.
"	Louis A. Kempff,		St. Louis, Mo.
"	Charles E. Koons,		Bell River, Ill.
"	Burleigh C. Linebaugh,		Marshalltown, Ill.
"	Francis E. Luman,		Memphis, Mo.
"	Albert L. McClanahan,		St. Louis, Mo.
"	Thomas F. McConaghie,		Oakdale, Ill.
"	Charles R. McDonald,		St. Louis, Mo.
"	Wilbur F. McMahan,		Sparta, Ind.
"	A. R. McReynolds, M. D.,		St. Louis, Mo.

DEGREE	NAME	OCCUPATION	RESIDENCE
M. D.	Urial McReynolds,		Knox City, Mo.
"	Paul S. Mabry,		St. Louis, Mo.
"	Frederick P. Mann,		St. Louis, Mo.
"	Charles P. Martin.		Nokomis, Ill.
"	Clarence E. Matlock,		Steeleville, Mo.
"	James E. Melton,		Orchardville, Ill.
"	Lewis E. Missimore,		Donnelson, Ill.
"	Val. E. Miltenberger,		St. Louis, Mo.
"	George H. Moore,		Dixon, Ill.
"	Ira E. Neer,		Custer, Ill.
"	Julius B. Nelson,		Temple, Ariz.
"	Frederick C. Nichols,		Odin, Ill.
"	Harley S. Norton,		Troy, Mo.
"	John Nywening,		St. Louis, Mo.
"	James J. O'Keefe,		St. Louis, Mo.
"	W. Claude O'Neal,		La Grange, Mo.
"	Charles D. Ottosen,		Ottosen, Ill.
"	Charles H. Pease,		Girard, Ill.
"	Walter D. Pipkin,		Willard, Mo.
"	Ebert V. Rawlins,		Roodhouse, Ill.
"	Charles P. Renner,		Belleville, Ill.
"	Frank H. Rosebrough,		St. Louis, Mo.
"	Frank A. Shulte,		St. Louis, Mo.
"	James W. Shankland,		Des Moines, Ia.
"	William M. Sherman,		St. Louis, Mo.
"	Edward H. Skinner, M. D.,		St. Louis, Mo.
"	Reinhold Speer,		St. Louis, Mo.
"	David F. Stubblefield,		Vaughan's, Miss.
"	Algernon B. H. Sullivan,		Miami, Mo.
"	Guy Titsworth,		Sedalia, Mo.
"	George M. Tontz,		St. Louis, Mo.
"	Edward J. Viedt, M. D.,		Rockville, Mo.
"	Rudolph S. Vitt,		St. Louis, Mo.
"	Alfred T. Vogler,		St. Louis, Mo.
"	George H. Warren,		Orchardville, Mo.
"	William R. Washburn,		Kirbyton, Ky.
"	George O. Webster,		Nakomis, Ill.
"	Irwin A. Weichbrod,		Tacoma, Wash.
"	Wayne A. Whitt,		Francisville, Ind.
"	Walter C. Wilhelmj,		East St. Louis, Ill.
"	Vincent O. Williams,		Versailles, Mo.
"	William A. Wilson,		Rosemund, Ill.

DEGREE	NAME	OCCUPATION	RESIDENCE
M. D.	Ross A. Woolsey,		Victoria, Ill.
"	Barnett D. S. Wyllie,		Marissa, Ill.
A. B.	Ferdinand A. Barthels,	Barthels Paint Co.	St. Louis, Mo.
"	Lawrence B. Bitz,	Student.	Evansville, Ind.
"	Lawrence V. Cartan,	Student.	St. Louis, Mo.
"	John M. Chambers,	Stock Raiser.	St. Louis, Mo.
"	J. Edward Corbett,	Clerk, Electric Supply Co.	St. Louis, Mo.
"	Daniel Dillon, Jr.,	Student.	St. Louis, Mo.
"	Andrew F. Drew,	Journalist.	St. Louis, Mo.
"	W. Percy Hayes,		St. Louis, Mo.
"	Joseph P. Hennerich,		Seattle, Wash.
"	Robert F. Imbs,	With Imbs Milling Co.	St. Louis, Mo.
"	T. Clement Lonergan,	Cadet.	West Point, N. Y.
"	Paul D. Moriarty,	Student.	St. Louis, Mo.
"	William A. Murphy,		St. Louis, Mo.
"	Richard Prendergast,	Student.	Chicago, Ill.
"	F. Valle Reyburn,	Student.	St. Louis, Mo.
"	John H. Schulte,	Clerk.	St Louis, Mo.
"	Francis C. Unger,	With Bell Telephone Co.	St. Louis, Mo.

St. Louis University Commercial Certificates

Name.	Occupation.	Residence.
	1862.	
Louis Eck.		Illinois.
	1863.	
Lawrence V. Cartan,	L. V. Cartan Real Estate Co.,	St. Louis, Mo.
Charles A. Chenot,		St. Louis, Mo.
*Thomas J. Gorman,	Civil Engineer,	St.Louis, Mo.
John Kern,		St. Louis, Mo.
	1865.	
Wallace Barrett,		Cleveland, O.
George S. Taylor.		Missouri.
	1866.	
James W. Budd.		Illinois.
Charles B. Hess,		Edwardsville, Ill.
Charles A. Paltzer.		Missouri.
Francis Semont Chenot,		Waterloo, Ill.
Henry D. McConn,		Fort Madison, Ia.
Joseph Rogers.		Ohio.
John Walsh,		New Orleans, La.
	1867.	
*Dempsey E. Brettenum,		Memphis, Tenn.
Charles B. Eaton,		Grafton, Ill.
Hamilton W. Fenton,	Capitalist,	Chicago, Ill.
Francis A. Jones,	Civil Engineer,	Memphis, Tenn.
Zepheniah Thomas Knott.		Missouri.
Michael Lynch.		Illinois.
Henry W. Malves,		Litchfield, Ill.
*Eugene Morrison,		Belleville, Ill.
James C. Scull.		Arkansas.
Joseph Wolbrecht.		Missouri.
Isaac M. Worthington.		Mississippi.

* Deceased.

Name.	Occupation.	Residence.
	1868.	
Ferdinand T. Bates,		Franklin Co., Mo.
*John W. Golden,	Journalist,	Vicksburg, Miss.
William A. Haws,	Manufacturer,	Louisville, Ky.
Pierce Keating,		St. Louis.
Charles L. LaBarge,	Physician,	St. Louis.
*Benjamin Linton.		Missouri.
*James Loker,		St. Louis.
*William P. Lynch,		St. Louis.
Thomas Musgrave.		Tennessee.
Henry J. Trowbridge,	City Clerk,	Vicksburg, Miss.
Edward W. Wallin,		Vicksburg, Miss.
*Gustave W. Wallin,		Vicksburg, Miss.
	1869.	
Jacob A. Armstring,		Dixon, Ill.
*Francis X. Barada, F. X. Barada Investment Co.,		St. Louis.
William J. Berkley,	Real Estate Broker,	St. Louis.
Robert S. Eddy,	Marine,	Madison Co., Ill.
James Farley,		St. Louis.
John F. Halpin,	Merchant,	Vicksburg, Miss.
*Roger J. Herring,		Monroe, La.
*Ambrose L. Hertzog,		Natchitoches, La.
Marlin B. Jones,	Cotton Buyer,	Fort Worth, Texas.
Joseph A. Lattier,	Professor,	Natchitoches, La.
Richard McConn,		Fort Madison, Ia.
James McFarlan,		Mobile, Ala.
John O. Ming,		Warrensburg, Mo.
*Thomas Price,		Jefferson City, Mo.
*Irwin Russell,	Author,	Port Gibson, Miss.
*James Ryan,		Vicksburg, Miss.
John J. Ryan.		Missouri.
Frederick Thompson,		St. Louis.
George W. Waite,		Monroe, La.
Joseph Wright,		St. Louis.
	1870.	
*James A. Blair,	Blair & Co., Bankers,	New York.
*John B. Garesche,		St. Louis.
*Leigh O. Knapp,		St. Louis.
Joseph D. Montedonico,	Pres. State Savings Bank,	Memphis, Tenn.

* Deceased.

Name.	Occupation.	Residence.
*Tyler W. McAtee,	Merchant,	Owensboro, Ky.
Stephen Menard,	Farmer,	Paducah, Ky.
Joseph Webre,	with Carleton Dry Goods Co.,	St. Louis.
*Frank Wright,		St. Louis.

1871.

James Botto,	Merchant,	Vicksburg, Miss.
Edwin Jacobs,	Lawyer,	Webster Groves, Mo.
George W. Lynch,	Undertaker,	St. Louis.
Pedro Perea,	Live Stock Dealer,	Bernalillo, N. M.
Francis X. Ring,	Physician,	St. Louis.
William J. Thompson,		San Francisco, Cal.
Robert W. Walsh,	Architect,	St. Louis.
*Kossuth W. Weber,	Pres. Farmington Bank,	Farmington, Mo.

1872.

Amado L. Baca,		Pena Blanca, N. M.
John W. Baker,		Waco, Texas.
George W. Bates,		Franklin Co., Mo.
*Taylor A. Blow,		St. Louis.
Francis B. Boarman,	Real Estate Broker,	Seattle, Wash.
Theodule Burgeois,		St. James Parish, La.
James Clement,	Merchant,	Laplace, La.
Joseph Garneau,		St. Louis.
Thomas A. Graves,		St. Louis.
Thomas Graves,		Memphis, Tenn.
*James B. Jones,	J. B. Jones Grocery Co.,	Memphis, Tenn.
Lawrence D. Mattingly,	Farmer,	St. Marys, Ky.
Samuel F. X. McCartney,	Agent of Lee & Co.,	San Francisco, Cal.
Quintus Price,		St. Louis.
*John F. Ryan,		Vicksburg, Miss.
Miguel Salazar,		Fort Union, N. M.

1873.

J. Boyle Adams,		Boonville, Mo.
Joseph Telemaque Badeaux,	Merchant and Planter,	Lafourche Parish, La.
*William J. Borman,		Vicksburg, Miss.
*W. Edward Burns,		Nashville, Tenn.
*Henry J. Dirckx,		Taos, Mo.
*John Dowling,		St. Louis.
George T. Dunlap,		Belleville, Ill.

* Deceased.

Name.	Occupation.	Residence.
James B. Farrell,	County Treasurer,	Vicksburg, Miss.
John Fitzpatrick,		Louisville, Ky.
Joseph Goodwin,		St. Louis.
Charles H. Hanley,	Farmer,	
Thomas Hebert,		Iberville Parish, La.
Edward R. Helm,		Newport, Ky.
Elias Leamaster,		East St. Louis, Ill.
Louis Lutkewitte,	Supt. St. Louis Ammonia Works,	St. Louis.
Edward Matthews,		St. Louis.
James H. Murphy,	Real Estate Broker,	St. Louis.
Patrick J. Norton,	Contractor and Builder,	Strong City, Kas.
William S. Ryan,	Lawyer,	Indianapolis, Ind.
Jacob Schreiner,	The Schreiner-Flack Grain Co.,	St. Louis.
Francois Numa Tauzig,	Recorder,	Natchitoches, La.
Archibald J. Trowbridge,		Vicksburg, Miss.
William C. Wnrtheimer.		Missouri.

1874.

Edward P. Beirne,		St. Louis.
John L. Cummings,		Vicksburg, Miss.
Charles L. Jones,		St. Louis.
William B. Jones,	Merchant,	Memphis, Tenn.
Harry G. Knapp,	Real Estate Broker,	St. Louis.
John B. LaBarge,	Bookkeeper,	St. Louis.
Clement Landzettel,	Manufacturer,	St. Louis.
Francis J. McDermott,		East St. Louis, Ill.
Paris W. Mulhall,		St. Louis.
William L. Meyers,		Illinois.
Calvin V. Neff,	Real Estate Agent,	Cairo, Ill.
*Eugene M. Paillou,	Clergyman,	Boonville, Mo.
John A. Pezolt,	Clerk, Pacific Express Co.,	St. Louis.
*Courtney E. Piatt,	Lawyer,	Cincinnati, O.
Alexander Stagg,	Accountant,	Whiteville, La.
Josep Tierney,		Fredericktown, Mo.
George A. Zanger,	Real Estate and Loan Agent,	Carver, Minn.

1875.

Charles M. Berkley,	Stock Broker,	St. Louis.
William J. Kearney,		Louisville, Ky.
Celestin Block,		St. Louis.
James B. Cahill,		Texas.

* Deceased.

Name.	Occupation.	Residence.
Angelo Cafferata,	Merchant,	St. Louis.
Francis Cafferata,	Merchant,	St. Louis.
Joseph A. Duffy,	Duffy & Co., Real Estate Agents,	St. Louis.
Thomas J. Mehern,		St. Louis.
Alexander J. Mullen.		Missouri.
William A. Newman.		Missouri.
Anthony Pfeifer.		Illinois.
Thomas J. Withinton,		St. Louis.

1876.

Robert F. Berkley,		St. Louis.
William D. Burton,	Traveling Agent,	Terra Haute, Ind.
Henry L. Caldwell,		St. Marys, Mo.
*Daniel M. Drew,		Milwaukee.
Francis J. Gaynor,		Chilicothe, O.
P. Henry Gaynor,		Chililcothe, O.
William H. Hood,		Greenville, Miss.
Jerome Karst,	Gen. Agt. Aetna Life Insurance Co.,	St. Louis.
Henry F. LaBarge,	Assistant Treasurer Delmar Co.,	St. Louis.
Richard J. Long,	Retired,	East St. Louis, Ill.
John T. McCabe,		St. Louis.
Thomas Meegean,		St. Louis.
William J. Murray.		Missouri.
Alexander W. Neff,	Real Estate Agent,	Cairo, Ill.
Henry A. Ozanne,	Druggist,	Wichita, Kas.
Henry N. Pezolt,	with Pacific Express Co.,	St. Louis.
Francis B. Ritter.		Missouri.
Hugh D. Roquet,	Lawyer,	St. Marys, Ind.
Henry Ryan,		San Antonio, Tex.
*Derick J. Stettinius,		St. Louis.
*Nelson G. Ziebold,		Red Bud, Ill.

1877.

*John Coyle,		Santa Barbara, Cal.
John B. Murphy,	Wholesale Grocer,	Atchison, Kas.
*Russell K. Brice,		Louisville, Ky.
William E. Roeschel,	Pharmacist,	Boonville, Mo.
Henry Scheele,	Undertaker,	St. Louis.
Richard P. Slattery,	Salesman,	St. Louis.
James E. Sullivan.		Missouri.
John O. Truehart,	Merchant,	San Antonio, Tex.

* Deceased.

Name.	Occupation.	Residence.
James J. Walsh,		Vicksburg, Miss.
Harry D. Wilkes,	Manufacturer,	Louisville, Ky.
Benjamin F. Wyatt,		Fredonia, Ky.

1878

John F. Aiken,		New Orleans, La.
Emmanuel C. Bestoso,	with National Bank of Commerce,	St. Louis.
*Francis Marshall Brickey,		Prairie du Rocher, Ill.
Joseph M. Brown,	Bookkeeper Lincoln Trust Co.,	St. Louis.
*John G. Chearella,	Merchant,	Memphis, Tenn.
Joseph A. Clarkson,	Wm. Clarkson & Son.,	St. Louis.
Thomas B. Cooney,	P. J. Cooney Wagon Mfg. Co.,	St. Louis.
Francis F. Corby,	National Tube Works Co.,	St. Louis.
George E. Harding,	Civil Engineer,	St. Louis.
*John W. Hughes,		Adams Co., Ohio.
Peter L. Hughes,		St. Louis.
Walter J. Johnson,		Lakeport Landing, Ark.
*Peter Kennedy,		Channelburg, Ind.
William E. McNamara,		St. Louis.
Daniel T. Prather,		St. Louis.
*Thomas A. Robinson,		Arcadia, Mo.
William M. Rudd.		Kentucky.
John F. Schulte,	Stock Dealer,	Fredericktown, Mo.
William B. Smith,	Stewart-Robson Co.,	New York.
Charles M. Steen.		Missouri.
*Eugene J. Sullivan,		Milwaukee, Wis.
Charles A. Weisert,	County Treasurer,	Vincennes, Ind.

1879.

John P. Bonnet,		St. Louis.
Augustus D. Caldwell,		St. Marys, Mo.
Benjamin L. Emmons,		St. Charles, Mo.
John T. Gorman,	Real Estate and Insurance Agent,	St. Louis.
Thomas H. Larkin,		Seattle, Wash.
Louis F. Lumaghi,	Sec. Lumaghi Coal Co., Mayor,	Collinsville, Ill.
John F. McDermott,		Harrisonville, Ill.
James M. Murphy		East St. Louis, Ill.
William H. Ohlman,		Ohlman, Ill.
Peter J. Parle,		St. Louis.
Alexander D. Power,		Missouri.
Ambrose R. Quinn,	Clerk, West End Hotel,	St. Louis.

* Deceased.

Name.	Occupation.	Residence.
John B. Shields.		Missouri.
Edward G. Trueheart,	City Engineer,	San Antonio, Tex.
John M. Verdin,	Wholesale Lumber Merchant,	St. Louis.
J. Henry Wilks,		Springfield, Mo.

1880.

Elias H. Armijo,	Instructor in Music,	Tempe, Ariz.
Augustus J. Bulte,	Board of Trade,	Kansas City, Mo.
James J. Butler,	Lawyer,	St. Louis.
Harry C. Gerke,		Edwardsville, Ill.
	Title Examiner and Real Estate Agent,	
William T. Griffin,		St. Louis.
William M. Reedy,	Editor St. Louis Mirror,	St. Louis.
James W. Reilly.		Missouri.
*Philip Ring,		St. Louis.
*Monroe P. Standish,		Jefferson City, Mo.
John B. Widen.		Missouri.
James B. Wright,		St. Louis.

1881

John J. Byrnes,		Brooklyn, N. Y.
John H. Henry,		Louisiana.
Joseph G. Hercules,		St. Louis.
Michael M. Lonergan,		St. Louis.
Charles D. Rourke,	Traveling Salesman,	Petersburg, Ill.
James H. McGrath,	Real Estate Agent,	St. Louis.
E. Baker Spalding.		Missouri.
Coke B. Wallace,		Illinois.
Richard J. Whelan,		St. Louis.

1882.

Claude B. Martin,	Farmer,	Mt. Vernon, Ill.
Felix Provenchere,	National Bank,	St. Louis.
Louis Tayon,	Broker,	St. Louis.

1883.

J. Mullanphy Cates,	Real Estate Agent	St. Louis.
James B. Coale,	Mgr. Electric Co.,	Minneapolis, Minn.
Francis X. Geraghty,	A. J. Geraghty & Co.,	St. Louis.
Edward H. Harrington,	Contractor,	St. Louis.
Frederick C. Laufketter,		St. Louis.
	Secretary and Manager Empire Brewing Co.,	

* Deceased.

Name.	Occupation.	Residence.
Edward D. McEnnis,	Manager St. Louis Cordage Co.,	St. Louis.
George F. Mockler,	Secretary City Council,	St. Louis.
*Loisel L. Papin,		St. Louis.
	1884.	
Michael J. Heller,	M. J. Heller Lumber Co.,	St. Louis.
Edward L. Mockler,	Journalist,	St. Louis.
Anselm B. Murphy,	Real Estate Agent,	St. Louis.
	1885.	
Michael B. Dwyer,	with Penn. Salt Mfg. Co.,	St. Louis.
Francis H. Leacock,	with Sanders Duck and Rubber Co.,	St. Louis.
Michael McEnnis,	Graham Paper Co.,	St. Louis.
Eugene Reno, Clerk,	Postoffice,	St. Louis.
Harry J. Scullin,	Scullin-Gallagher Iron and Steel Co.,	St. Louis.
James C. Good,		St. Louis.
Harry N. Malin,		St. Louis.
David J. Riley,		St. Louis.
Charles J. Wangler,	Vice-Pres. Wangler Boiler Works,	St. Louis.
	1886.	
Thomas O. Barnett,	Architect,	St. Louis.
Burt L. Scott.		
*Eugene A. Lyons,	Physician,	St. Louis.
Robert J. Wynn,		St. Louis.
	1887.	
John A. Geraghty,	A. J. Geraghty & Co.,	St. Louis.
*Sylvester H. Maguire,		New York.
Joseph L. McCarthy,	J. L. McCarthy A. & E. Co.,	New York.
S. Gaty Pallen,	Editor,	St. Louis.
John J. Schenk,		St. Louis.
Charles E. Wise,	Lawyer,	St. Louis.
	1888.	
James D. Dockery,	Real Estate Agent,	St. Louis.
George W. Frenger,	Merchant,	Las Cruces, N. M.
Harry L. McNamara,	Agent S. W. Freight, Co.	St. Louis.
Bernard Quigley,		St. Louis.
George Reno,		St. Louis.
Alfred C. Spellen,	Clerk,	St. Louis.

* Deceased.

Name.	Occupation.	Residence.
	1889.	
Joseph A. Buse,	with Waters, Pierce Oil Co.,	St. Louis.
Bernard A. Convy,	Bookkeeper A. H. Fuch's Mercantile Co.,	St. Louis.
Daniel H. Donovan,	Sec. J. T. Donovan Real Estate Co.,	St. Louis.
Eugene W. Handlan,	Vice-Pres. Handlan-Buck Mfg. Co.,	St. Louis.
John J. McGrath,		St. Louis.
Bernard G. Pickel,	George Pickel & Sons,	St. Louis.
	1890.	
Redmond J. McAuliffe,	Accountant National Tube Works,	St. Louis.
Joseph E. McCarthy,	Purchasing Agt. National Stock Yards,	St. Louis.
Peter V. McDonald,	Clerk, Postoffice,	St. Louis.
John F. O'Reilly.		
Willis J. Powell,		St. Louis.
Sylvester A. Pratte.		
	1891.	
Reno A. Auer,	Lawyer,	St. Louis.
Eugene Cannon.		
*Thomas F. Fitzpatrick,		St. Louis.
Valentine H. Goessling,	Meyer & Goessling Cloak Co.,	St. Louis.
Alexander J. Herold,	Bookkeeper,	St. Louis.
William J. McCormack,		St. Louis.
Joseph K. McGrath,	Accountant Mo. Pac. R. R.,	St. Louis.
*William McHugh,	Professor,	Gray Summit, Mo.
William G. Murphy,	St. Louis Fire Works Co.,	St. Louis.
Olive R. Schum,	Sec. American Mineral Water Co.,	St. Louis.
Francis P. Sheehan,		St. Louis.
Arthur J. Zimlich,		St. Louis.
	1892.	
Raymond J. Ambs,	with Interstate Car Transfer Co.,	St. Louis.
Charles A. Conners,		St. Louis.
Thomas F. Ferry,	Salesman,	St. Louis.
Jacob P. Frein,	Contractor,	St. Louis.
Richard P. Gill,	with Continental Tobacco Co.,	St. Louis.
Joseph D. Ginnochio,		St. Louis.
Louis T. Hall,	with Nanson Commission Co.,	St. Louis.
Robert S. MacDonald,	Lawyer,	St. Louis.
Francis McKelleget,	Contractor,	St. Louis.
James J. Sheehan,	Clerk, City Register,	St. Louis.
William A. Verborg,	Salesman, Coffee Co.,	St. Louis.

* Deceased.

Name.	Occupation.	Residence.
	1893.	
Michael R. Connell,	Clerk,	St. Louis.
Thomas F. Fleming,	Clerk, Railway Mail Service,	St. Louis.
Augustus M. Goessling,	Meyer & Goessling Cloak Co.,	St. Louis.
A. Hamilton Handlan,	Sec. Handlan-Buck Mfg. Co.,	St. Louis.
Harry E. Lyons,	Commissary, U. S. A.,	Presido, Monterey, Cal.
Joseph A. McNamara,	Clerk, Simmons Hardware Co.,	St. Louis.
George F. Murphy,	Agent,	St. Louis.
	1894.	
E. Miltenberger Cain,	with O'Neill Lumber Co.,	St. Louis.
Paul C. Guignon,	with Christy Fire Clay Co.,	St. Louis.
Robert D. Sheehan,	Merchant,	St. Louis.
John M. Storm,	Promoter, Storm Park,	St. Louis.
	1895.	
Jonh P. Cummings,	with Cummings Grocery Co.,	St. Louis.
Joseph B. Frein,	Contractor,	St. Louis.
Benjamin A. Grote,	President Grote Paint Co.,	St. Louis.
John B. Muth,	President J. B. Muth Grocery Co.,	St. Louis.
J. Frederick Mears,		Texas.
John J. Murphy,	Mgr. Murphy Packing and Provision Co.,	St. Louis.
Joseph P. Willmering,	Agt. Tombridge Insurance Agency,	St. Louis.
	1896.	
Arthur B. Barrett,	Clerk,	St. Louis.
Joseph G. Frost,	Clerk Mercantile Trust Co.,	Kinloch, St. Louis Co., Mo.
George A. Kleine,	Salesman,	St. Louis.
Joseph H. Leiweke,	with Centaur Lime Co.,	St. Louis.
William P. Nolan,	Clerk, Ely & Walker,	St. Louis.
Edward A. Woodward,	Real Estate Agent,	Old Orchard, Mo.
	1897.	
James J. Glenn,	with Mo. Pac. R. R.,	St. Louis.
John J. Wright,	Clerk, E. F. Kerwin & Co.,	St. Louis.
	1898.	
Louis A. Geraghty,	A. J. Geraghty Co.,	St. Louis.
William F. Ralph,	Clerk, Manufacturing Co.,	St. Louis.
Thomas C. Ryan,	Accountant,	St. Louis.
	1899.	
Charles J. Chambers,	Artist,	St. Louis.
Michael J. Clooney,	Student, Kenrick Seminary,	St. Louis.

Name.	Occupation.	Residence.
George L. Heckemeyer,	with John L. Boland Book Co.,	St. Louis.
Louis F. Rephlo,	Bookkeeper, Merchants' Bank,	Jefferson City, Mo.
	1900.	
Eugene C. Ferrenbach,	Cashier, Ferrenbach Grocery Co.,	St. Louis.
Joseph C. Linder,	Clerk, Hardware Co.,	St. Louis.
J. Edgar Lyons,	Traveling Salesman,	Sidney, Ohio.
George W. Ottenad,	Clerk, Atkinson & Co.,	St. Louis.
Walter A. Schneider,		St. Louis.
Francis J. Scully,	Clerk, Simmons Hardware Co.,	St. Louis.
Edward D. Sweeney,	Travelers' Insurance Co.,	St. Louis.
	1901.	
Joseph A. Boyce,		St. Louis.
James P. Donohue,	Bookkeeper,	St. Louis.
Robert E. Nolker,	Clerk, Electrical Co.,	St. Louis.
James A. Storm,	Clerk, Hamilton-Brown Shoe Co.,	St. Louis.
George Wilhelm,	Clerk, Chemical Works,	St. Louis.
	1902.	
T. Sanford Farrell,	Agent, Manufacturing Co.,	St. Louis.
Leo T. Gerber,	Gerber & Co., Meat,	St. Louis.
William H. Harris,	Clerk,	St. Louis.
I. Dee Kelley,	Medical Student,	St. Louis.
Thomas J. Franey,	Clerk, Mississppi Valley Trust Co.,	St. Louis.
Edwin L. Greve,	Clerk, John Wahl Commission Co.,	St. Louis.
Le Faivre Hunt,	Bookkeeper,	St. Louis.
Edward J. Monti,	Bookkeeper, Jefferson Bank.,	St. Louis.
William Monti.		
	1903.	
J. Frank Becker,		Galveston, Texas.
Edward J. Fehlig,	Fehlig Box Mfg. Co.,	St. Louis.
Jesse T. Friday,	Law Student,	St. Louis.
Louis M. Maslanka,	Clerk,	St. Louis.
Joaquin Mendez.		
J. Sylvester Merrick,		St. Louis.
	1904.	
Henry M. Bohn,	Bohn Grocery Co.,	St. Louis.
J. Morin Brennan,	Brennan Grocery Co.,	St. Louis.
Harry F. Schollmeyer,	with Ely & Walker,	St. Louis.
Andrew C. Taylor,		St. Louis.
Joseph L. Teckenbrock,		St. Louis.
L. Walter Weir,	Clerk,	St. Louis.

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